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CARDIFF ROYAL INFIRMARY

ANNUAL
CLINICAL RECORD
1932.

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ANNUAL CLINICAL RECORD

FOR THE YEAR

1932

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CARDIFF ROYAL INFIRMARY.

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Ear, Nose and Throat Surgeon.

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Assistant Ear, Nose and Throat Surgeon.

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James Beatty, M.D., M.A., M.R.C.P., D.P.H.

Medical Officer to the Department of Diseases of Children (Medical).

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Medical Officer in charge of the Psychiatric Department.

P. K. McCowan, M.D., M.R.C.P., D.P.M. Barrister-at-Law.

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H. A. Scholberg, M.B., M.R.C.S., L.R.C.P., D.P.H.

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T. Wallace, M.B., B.Ch.

H. G. Greaves, M.B., B.Ch.

Frank Y. Pearson, F.R.C.S.E.

A. Dower, M.D.

H. M. S. Stanley, M.R.C.S., L.R.C.P.

Medical Superintendent.

Robert Armstrong, M.B., Ch.B.

Resident Registrar.

J. B. S. Morgan, M.B., B.Ch. B.Sc., M.R.C.S., L.R.C.P.

Resident Radium Registrar.

J. Mervyn Thomas, M.B., B.Ch., B.Sc.

Secretary.

Leonard D. Rea, F.C.I.S.

RECORDS SUB-COMMITTEE.

J. W. TUDOR THOMAS

D. J. HARRIES

J. BEATTY

G. I. STRACHAN

R. G. MALIPHANT.

R. ARMSTRONG.

J. B. S. MORGAN.

SEVENTH

ANNUAL CLINICAL RECORD.

The Nomenclature of Diseases, drawn up by a joint committee appointed by the Royal College of Physicians of London (1931), has been adhered to as closely as possible in order to follow some stable form of classification.

The tables show the total number of males and females who were discharged from the Infirmary and who died in the year 1932.

The names of the Physicians and Surgeons in charge of cases are shown by capital (index) letters :—

Physicians.

AA. Dr. W. Mitchell Stevens.
 AB. Dr. Cyril Lewis.
 AC. Medical Unit.
 AD. Dr. Alfred Howell.
 AE. Dr. Ivor J. Davies.
 AF. Dr. Herbert Evans.
 AG. Dr. Abel Evans.

Surgeons.

BC. Mr William Martin.
 BD. Surgical Unit.
 BF. Mr James O. D. Wade.
 BG. Mr D. J. Harries.
 BH. Mr T. E. Hammond.
 BJ. Mr J. Berry Haycraft.
 BK. Mr D. Ioan-Jones.

Gynaecologists.

CB. Dr. B. K. Tenison Collins.
 CC. Prof. Gilbert I. Strachan.
 CD. Dr. R. Glyn Maliphant

Ophthalmic Surgeons.

DA. Mr F. P. S. Cresswell.
 DB. Mr D. Leighton Davies.
 DC. Mr J. W. Tudor Thomas.
 DD. Mr Rupert Parry.

Ear, Nose and Throat Surgeons.

EC. Mr R. D. Owen.
 ED. Mr A. A. Prichard.

Dermatologist.

FA. Dr. James Beatty.

Medical Officer to the Department of Diseases of Children (Medical).

GA. Dr. A. G. Watkins.

Deaths are indicated by an asterisk following the index number.

I am indebted to those members of the Honorary Staff who have contributed to this record for their valued contributions.

J. B. S. MORGAN,
Registrar.

A CASE OF INTEREST

by

Mr D. J. HARRIES.

A man, aged 57, was admitted into the Cardiff Royal Infirmary on 22-6-1932, complaining of loss of appetite, abdominal discomfort after food and loss of weight. He had lost about 30lbs since the commencement of his illness eighteen months previously. There was no history of vomiting.

On examination a large swelling could be seen and felt occupying the upper abdomen. The patient knew of the tumour and he had a strong suspicion that it was some form of cancer. The swelling was tense, but it showed definite fluctuation.

On 25-6-32 the abdomen was opened through a right para-median incision, and on investigation, the cyst was found to be in the lesser sac of the peritoneum, with the stomach running across its anterior surface well below the middle. The cyst was opened through a small incision in the gastro-hepatic omentum. There was no definite cyst wall apart from the peritoneum lining the lesser sac. A drainage tube was stitched in the cyst and brought out through the upper end of the incision. A few sutures were inserted near the tube, anchoring the small omentum to the parietal peritoneum. The drainage tube was removed in about a fortnight, but the sinus continued discharging thin clear fluid containing pancreatic ferments, which irritated the surrounding skin.

Examination of this fluid on 25-6-32 and 12-8-32 showed a diastatic index of 4000 and 6600 units.

Attempts were made to obliterate the cyst by injecting sclerosing fluid down the sinus, but the only result was to interfere with free drainage from the cyst, which started refilling, until the sinus had been dilated.

The patient was discharged on 31-8-32, as he was getting tired of being in Hospital. He attended regularly for dressing until 2-11-32, when he was readmitted. The discharge had not diminished and the skin round the sinus was still excoriated.

On 19-11-32 it was decided to attempt an anastomosis between the sinus and the duodenum or stomach. To avoid injuring the

sinus wall, a rubber catheter was inserted into the sinus before making the abdominal incision. The abdomen was opened through the original incision, below the sinus, and the upper abdomen carefully examined. The small omentum was found to be adherent to the parietal peritoneum over an area 2 inches in diameter, with the sinus at its centre. The abdominal incision was now extended upwards so as to surround the sinus and not disturb the adhesions between the omentum and parietal peritoneum.

The original intention was to preserve the portion of the sinus in the abdominal wall and use it for the anastomosis in much the same way as the ureter is used in the implantation operation. But it was seen that an ordinary anastomosis could be carried out between the pyloric antrum and the sinus if the latter were cut off at the point where it came through the circle of parietal peritoneum adherent to the gastro-hepatic omentum. The actual anastomosis presented no difficulties, as the mouth of the sinus was now only half an inch away from the stomach. Two layers of sutures were used in exactly the same way as in a gastro-jejunostomy.

In spite of the condition of the skin of the abdomen at the time of operation, everything healed by first intention.

On 17-12-32 the patient left hospital, with no leakage of fluid and with a healthy abdominal wall. He has been seen twice since, and is enjoying perfect health.

Comments.—In 1892 Mr Jordan Lloyd published a paper on the Pathology of pseudo-cysts of the pancreas, in which he showed that these cysts are really collections of fluid in the small sac of the peritoneum, and therefore have no proper cyst wall apart from the peritoneum lining this sac. A history of injury or of an attack of acute pancreatitis is generally given in these cases. In the above-mentioned case no such history could be obtained, in spite of the fact that there was free communication between the sac and the pancreatic duct or one of its branches. When drained, these cysts generally undergo complete obliteration in a few months, but sometimes the sinus persists for years. In such cases the operation described above should be given a trial, especially as the difficulties are few, and, if successful, it will relieve the patient of the discomfort arising out of the condition of the skin round the sinus.

COMMENTS ON THE REPORT OF THE WORK IN THE
GYNAECOLOGICAL DEPARTMENT FOR 1932

by

Professor GILBERT I. STRACHAN

Dr. B. K. TENISON COLLINS

Dr. R. G. MALIPHANT.

One of the many points of interest and instruction in seeing figures of a particular department assembled at the end of a year lies in the fact that, in some ways, one's ideas regarding the frequency of occurrence of certain conditions are confirmed while, on the contrary, surprises in this way are not few.

From a general survey, it will be evident that the Gynaecological Department has been busy ; with our present large waiting list, it is likely to remain so.

The practice in the Department is not to admit abortions but to refer them to the City Lodge Hospital ; yet we find that no fewer than fourteen incomplete abortions have been admitted. This is a considerably larger number than in the case of ectopic gestation (6) and the reason is that such cases are usually "dumped" in the Infirmary as emergencies, it may be from a distance, and often with an incorrect diagnosis while the danger of refusal or even of transfer to the City Lodge Hospital is, in some of the cases, too great.

If the figures under the headings "Cervical Inflammation" and "Cervical Erosion" are examined, it is seen that in a large proportion of cases they are identical. This is on account of the fact that the condition may be described sometimes in one way and sometimes in the other, whichever is the more marked aspect of the case ; in the future a more regularised nomenclature would be of advantage.

Carcinoma of the cervix continues to represent a distressingly large proportion of our admission. Forty-nine cases of this nature were admitted during the year under review as compared with thirteen cases of carcinoma of the body of the uterus. The proportion of the latter class of case as compared with the former is

rather higher than usual. In the majority of cases of carcinoma of the cervix the condition is far advanced before the patient is seen but, in this connection, it is important to record our definite experience that such cases are, in general, no longer treated empirically outside with useless uterine styptics but are usually referred to Hospital by their doctor as soon as they are seen by him. The delay is usually on the part of the patient in going to her doctor but it has to be admitted that, in some cases, the condition is extensive before any clinical symptoms occur. In this connection it may be pointed out that the cases included under the heading "Post-Menopausal Haemorrhage" are cases in which carcinoma has been quite properly suspected but in whom exploration has shown no carcinoma. In some such cases no definite organic lesion is found and the pathology of certain of the post-menopausal bleedings is really obscure.

A fairly large number of cases of tubal inflammation have been treated and in every case palliatively. One death has occurred and this represents a great improvement on the figures of previous days when operation, sometimes under emergency conditions, was more often undertaken.

A large number of cases are included under the heading "Deficient Perineum" and these may be of all degrees from a slight deficiency to complete prolapse.

If we regard these deficient perineums, the cervical inflammations and erosions, the tubal inflammations, and indeed the cervical carcinomas we are made painfully aware of the large proportion of gynaecological work which represents the direct or indirect, early or late effects of trauma or inflammation contracted at the time of previous parturition and what a vast problem this aspect of the matter constitutes.

ALOPECIA AREATA

by

Dr. J. BEATTY.

Owing to the limited staff and accommodation of the department of Dermatology, 21 cases of Alopecia Areata were sent during 1932 for treatment by ultraviolet rays to the department of Physiotherapy and four others earlier. By the kindness of that department I am able to tabulate the results.

The age distribution was :

Under					Over	Not
10	10-20	20-30	30-40	40-50	50	recorded.
2	10	3	7	1	1	1

The results of treatment and the average number of treatments were :

Cured.	Great im- provement	Improved	Improving still attending.	Slight or no improve- ment.	Left be- fore end of treatment.
9	1	1	4	2	8
41	21	43	28	38	21

Type of the disease :

Cured.	2 groups	(a) Under 20	....	6	Small areas.
		(b) 30-40	....	3	Complete.
Great improvement		30-40	....	1	Small areas.
Improved		10-20	....	1	Nearly complete.
Improving		(a) Under 20	....	1	Several areas.
		(b) 30-40	....	2	Nearly complete or large areas.
		(c) 50	....	1	Several areas.
Slight or no improvement.					
		(a) Under 20	....	1	Complete.
		(b) 40	....	1	Complete.

The total number of 17 is small but so far as they go the following inferences are indicated.

At ages under 30 recovery is almost certain even in cases of moderate severity. About 40 treatments are likely to be required.

The disease is commoner under 20 but severe types are usually above 30, but the latter statement requires confirmation.

Severe cases where the alopecia is complete or nearly so are not hopeless even up to 40. Of the eight in the list three recovered one was improved, 2 are still improving, while in 2 the treatment has failed.

When these results are compared with those obtained by other methods for cases under 30 there is no evidence that ultraviolet rays are of special efficacy. In such cases the prognosis is good under any adequate treatment. There is, however, evidence that in the later years between 30 and 40 the prognosis is improved in severe cases, and possibly over 40 in milder cases, which usually failed to recover under older methods. The improved prognosis in the later years appears to depend not on the local effect but on the result of the application of the rays to the general surface since this has a tonic effect on the whole organism. This application is made in obstinate cases and constitutes in my opinion the only real advance in treatment due to ultra-violet rays.

The main predisposing cause of Alopecia Areata is mental, usually anxiety, overwork, or shock. Focal sepsis, though at times responsible, is only a minor cause. The following are the numbers attending the Dermatological clinic during recent years.

1928	....	....	29
1929	....	....	36
1930	....	....	40
1931	....	....	44
1932	....	....	44

The increased numbers in the later years may be an indication of the anxieties of the period through which we are passing.

The essential factor is unknown. It is exceedingly rare for the patches to take the form of a nerve distribution, and the cutting of sensory or sympathetic nerves has no influence on hair growth. Microscopically the loss of hair is most complete at the centre while broken hairs are found near the periphery, and any single spot progresses by peripheral enlargement. Large areas may be formed by coalescence of several spots. The bald skin itself gives normal vascular reactions to mechanical stimuli and its temperature is normal. Microscopically the broken hairs show roots tapering usually to a point. There is but slight inflammatory infiltration about the follicles.

Tapering of hair roots also occurs in the baldness due to advancing age and precedes the disappearance of the papillae. In Alopecia Areata the papillae tend to become fibrotic. The process in either case is essentially different from that which takes place in "club" hairs where there is a replacement of papillae by fresh downgrowths from the follicles affected. Clearly what is happening is a slowly progressive atrophy of the follicles, at first affecting these in a small area simultaneously and afterwards spreading at the periphery. The commencement of the process must occur some weeks at least before the hairs fall out since hair grows at the rate of about half-an-inch a month and time is necessary for the taper to be formed by the slowly atrophying follicle. So the shock, etc. which may be related to the disease may occur months before the bald patch is first seen.

It has been suggested that an obliterative endarteritis is the cause. In my opinion this is unlikely. The shape of the patches does not correspond to the distribution on the skin of an arterial twig. This should show an angular area as in *Ephelis ab igne*.

Toxins have been implicated instancing the action of the acute fevers and of thallium in causing loss of hair, but in these the loss of hair is general, not localized in patches.

The appearances are, in my opinion, best accounted for by assuming the existence of particles which produce a toxin and which themselves have the power of growth, i.e., some micro-organism, possibly a filterable virus, since no bacterium has yet been discovered to which the disease can certainly be traced. The mental influence is probably indirect through some alteration in metabolism permitting the development, perhaps in the intestine, of the virus from which its particles are carried by the vascular system to settle down here and there but to grow only where they find in hair follicles a suitable pabulum.

A CASE OF LOOSE BODY IN KNEE JOINT

by

Mr D. IOAN-JONES.

J S. was admitted to hospital complaining of disability in his right knee joint.

Twelve years ago whilst working as a collier he slipped and twisted his knee into a flexed position. He sustained a lateral dislocation of his patella which was reduced, and subsequently he resumed his duties.

A short while later he began to have further trouble with his knee. This time it took the form of recurrent attacks of synovitis and locking of the knee joint in flexion when mounting steps. He also appreciated the sensation of something moving within the joint.

Examination of patient's knee joint in January of this year revealed no impairment of function, but a loose body was palpable and could be moved to either side of his patella. X-ray confirmed the diagnosis.

On January 20th arthrotomy was performed through the usual median incision as for internal semilunar cartilage. A loose body was found in the inter-condyloid space anteriorly and was removed. Other joint structures, including the semilunar cartilage appeared normal. The loose body was cartilaginous in nature, $1\frac{1}{2}$ inches long, $\frac{1}{2}$ -inch wide at its centre and about $\frac{1}{4}$ -inch thick; it was crescentic in shape much like that of a semilunar cartilage. He made an uneventful recovery and walked out of hospital on 2nd February. When examined in the Out-Patient Department a fortnight later, function of the joint appeared to be normal.

The case is of interest because the loose body seems to have originated as the result of the patient's accident twelve years ago. Possibly a hypertrophied synovial villus or lipomatous tag was torn off and cartilage deposited therein. The nature of the accident, however, and the shape of the loose body bring to mind the possibility of its resulting from the separation of a piece of torn semilunar cartilage, though this structure appeared to be normal at the operation.

Lastly, whilst text-books remind us of the occurrence of arthritic changes in joints that are the sites of loose bodies, it is noteworthy that in this case no arthritic changes were present in the joint even after a period of years.

A CASE OF BRANCHIAL FISTULA

by

Mr J. B. S. MORGAN.

Mr William Martin has been kind enough to give me permission to describe a case of branchial fistula which was under his care a little over twelve months ago.

A male patient, aged thirteen years, was admitted complaining of a swelling in the neck since birth, which occasionally discharged its fluid contents on to the surface of the skin.

On examination a small opening could be seen in front of the sterno-mastoid muscle two inches above the sterno-clavicular joint. There was a little fullness of the neck above the opening, which on palpation was found to be a fairly firm cord.

A mixture of equal parts of hydrogen peroxide and methylene blue was injected into the orifice in the neck and almost immediately the coloured solution could be seen bubbling through the posterior portion of the lower third of the right tonsil. This was confirmed by Mr Robert Owen who examined the case in the Ear, Nose and Throat Department.

This method of following a sinus or fistula throughout its course was introduced to the Cardiff Royal Infirmary in 1915 by Mr William Martin, who had seen it mentioned in an American Text Book for tracking anal fistulae.

Lipiodal was injected later and a stereoscopic X-ray photograph taken. The skiagram revealed that the fistula was in two main parts, which were communicating with one another by a narrow canal.

At the operation the injection of the dye helped considerably in obtaining the complete removal of the fistula.

There has been no recurrence of the condition.

Remarks.

Most of the text-books describe the second branchial cleft as opening internally in the supratonsillar fossa. Professor Maclaren West was consulted on this point and he states that the tract can end anywhere on the tonsil.

COMMENTS ON THE WORK OF THE
RADIUM DEPARTMENT, 1932,

by

Mr J. MERVYN THOMAS.

This article marks the beginning of a yearly account of the work done by the department and is published with the authority of the Local Radium Committee. Only a few statistical figures are introduced, as a full and detailed account of these can be seen in the Annual Cancer and Radium Report of the Hospital. The space is therefore taken by the results of experience and observation during the year.

Radium Available.

This Hospital now possesses 1009.125 mgrms. of radium element in 452 containers on loan from the National Radium Trust and the Medical Research Council. The addition during the year of three radium applicators containing 40 mgrms., 5.625 mgrms., and 2.5 mgrms. of radium element respectively, and which are screened with .3 mm. and .2 mm. of silver, have been of greatest service in the treatment of certain malignant conditions.

Statistics.

Total Number of Cases applying to the Department for treatment since June, 1930—1,436.

	1931	1932
Malignant Cases applying for treatment	458	463
Number of cases treated	343	334
" " by surgery alone	100 (29.1%)	65 (19%)
" " by radium alone	201 (58.5%)	226 (67.9%)
" " by surg. + radium	37 (10.7%)	39 (10.9%)
" " Surg. + X-rays	1 (.3%)	0 —
" " surg. + X-rays + radium	1 (.3%)	0 —
" " by diathermy alone	0 —	1 (1.2%)
Non-malignant conditions receiving treatment	51	59
Recurrences from 1930 and 1931	73	94
Total No. of cases applying for treatment	582	616

Cases admitted from other hospitals	....	....	11	15
Radium needles sustaining damage	....	....	26	42
New cases of malignant disease treated as Out-patients	....	....	—	35
New cases of non-malignant disease treated as Out-patients	....	....	—	14
Total No. of cases treated as Outpatients	....	....	—	49

Of the 49 cases, 28 were treated with the radium applicators.

Average percentage of radium in daily use throughout 1932—61 per cent.

Radium Dosage.

Until this year radium dosage in this Hospital has been based more or less on the past effects of radium in similar conditions, thus almost constituting an empirical use of radium. The results obtained, though entirely satisfactory in most cases, do not aim at a standard and rational treatment. The radio-sensitivity, size of the tumour involved and general effect upon the patient do not find a place in the estimation. An attempt has therefore been made at forming some method of standardisation which can be applied to each patient. The chemical and physical methods in use are too cumbersome for application in a general hospital where there is no full-time resident physicist. A biological standard has been found which can be followed in each patient.

It has long been found that radio-therapy is limited by the skin reaction. This is therefore used in the biological standard. Russ and his co-workers (1) believe that the cancer cell is killed by an indirect reaction due to changes brought about by irradiation on the surrounding tissues. This has recently been confirmed by Crammer and Crabtree, (2) in 1931 Ewing drew attention to the inflammation and fibrosis present in all malignant growths and it must be regarded as a defensive process. (3) It is significant that actively growing malignant tumours and their late metastatic deposits often fail to show any inflammatory reaction, but the majority of infiltrating growths elicit considerable cellular response from invaded tissues.

It is therefore claimed that in the treatment of cancer the aim should be to encourage a maximum lymphocytosis by specially

arranged irradiation without producing tissue destruction. The reaction in the skin is taken as a guide. Nogier and Regaud have given the name "radio-epidermite" to a second degree skin reaction which is characterised by a marked redness. This occurs any time after the third day during surface irradiation and continues until the end of treatment. The subcutaneous tissues become oedematous towards the 6th to 10th day, and this occurs rapidly in the course of 24 hours. This "oedema-dose" is the biological standard for terminating the treatment. If this sign is ignored tissue destruction, ulceration and necrosis follow.

Radium Burns.

The true burn occurring several weeks or months after irradiation is not referred under this heading, but attention is drawn to the skin reaction, epithelialisation, ulceration and necrosis following either from (1) small doses of radium over long periods or (2) large doses over short periods. I have introduced a mixture of oil of eucalyptus 5 per cent. in paraffin in the treatment of these cases with excellent result. The eucalyptus and paraffin is applied on lint direct to the wound. It prevents the dressing fixing itself to the wound, acts as antiseptic and stimulates epithelium which is protected from the air by the oily film. This preparation has not been used before and was introduced primarily as a treatment for burns in the Casualty Department. Three cases of severe ulceration during the year have been treated in this way with excellent result, and have been fully recorded in the Annual Cancer and Radium Report.

Radium Applicators.

These have been introduced in the treatment of the smaller malignant conditions. They are applied direct to the lesion and left in situ for 2 to 4 hours. Lead screenage has been found unnecessary as the normal skin shows no reaction. Often these cases require no dressing, and it is an advantage that the patient can be treated the same day as attending the Out-patient Department. A comparison of the older method with surface and interstitial needles with the applicator method in cases treated to a conclusion is appended below. Attention is drawn to (1) the low radium dose in mgrm. element hours, (2) the short period of healing, and the size of the lesion in those cases treated with the applicators.

Rodent Ulcers during 1932 treated to a conclusion.

Method—Surface Needles. (Treatment prior to October, 1932).

<i>Ra No</i>	<i>Age</i>	<i>Sex</i>	<i>Duration of Complaint</i>	<i>Size of lesion</i>	<i>Exposure in hours</i>	<i>Dosage in mgm el hrs</i>	<i>Time taken to heal</i>
723	63	M	6 months	1½ x 1½ cm	7	210	4 months
724	57	F	12 years	3d piece	6	150	5 months
725	77	M	1 year	1" x ¾"	73	2,737	4 months
762	68	F	8 years	¼" x ½"	20	500	4 months
766	56	F	1 year	2 x 1½ cm	15	514	2 months
785	61	M	16 years	2 x ½ cm	10	375	9 months
791	79	M	4 months	6d piece	215	860	6 months
804	51	M	2½ years	2" long	246	849	6 months
829	64	F	6 years	3d piece	24	144	4 months
840	65	M	3½ years	3d piece	7	131	4 months
888	58	F	33 years	¾" x ¼"	99	1,980	4 months
895	58	M	1¼ years	½" x ¼"	24	150	1 month
924	?	F	4 years	1s piece	8	254	2 months
932	62	M	2 months	3d piece	8	150	2 months
962	78	F	4 years	1d piece	120	840	2 months
963	67	M	4 years	1d piece	24	575	2 months
964	54	M	2 years	3d piece	8	150	6 weeks
965	51	M	9 years	3d piece	10	187	2 months
993	67	M	30 years	1½" x 1"	8	300	2 months
1009	64	M	1 year	¼" in diam	8	32	3 months
1026	60	M	2 years	1" x ½"	8	100	2 months
1027	72	M	2 years	½d piece	8	150	1 month
1029	55	M	5 years	6d piece	8	96	1 month

Method—Surface Radium Applicators (Treatment after Oct., 1932).

<i>Ra No</i>	<i>Age</i>	<i>Sex</i>	<i>Duration of Complaint</i>	<i>Size of lesion</i>	<i>Exposure in hours</i>	<i>Total dosage in mgm el hrs</i>	<i>Time taken to heal</i>
501	42	F	3 months	1s piece	4	25	1 month
1028	77	M	3 months	6d piece	2	11	1 month
1079	52	M	14 years	6d piece	6	49	1 month
1080	65	M	2 years	1s piece	5	28	1 month
1081	63	M	?	3" x 1½"	11	586	3 weeks
1082	50	M	?	6d piece	5	31	1 month
1085	72	F	18 years	1s piece	2½	30	2 months
1086	68	F	3 years	1s piece	3	17	2 months
1090	51	F	4 months	6d piece	3	8	1 month
1092	83	M	4 years	1s piece	5½	31	2 months

Radium and Breasts.

A few cases of operable and borderline cancer of the breast have been treated with radium alone during the year. The results were entirely satisfactory at the end of the year, and the mortality of all breast cases treated with radium compared with all cases of operable cancer where amputation was the routine, is comparative.

Bibliography.

1. Russ S. *Lancet* No. xvii. Vol. I. 1932, p. 873.
 2. 10th Scientific Report Imperial Cancer Research Fund, October 14th, 1931.
 3. Ewing Pathology. p. 50.
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MEDICAL INDEX

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Bacterial Diseases.							
Cerebro-spinal Fever	2	.....	2	.....	.....		AD 30087, 30342
Dysentery	2	2	.....	.....	.....	AA 29143 AC 32629	
Mumps	1	.....	1	.....	.....		AD 30923
Pyæmia	1	.....	.....	1	.....	AB 32620*	
Septicæmia	1	.....	.....	.....	1		AD 28790
Pneumonia	49	22	15	8	4	AA 28794, 29287, 29714, 29968, 30450*, 31489, 31934, 31985*, 32600, 32435, 6808 AB 30721* AC 28573, 29312, 32713, 33600*, 31031*, AD 29217, 11840, 19370, 30128, 30122, 30002, 30562, 29771, 31293*, 30983* GA 32912, 33573*, 33322	AA 28787, 28843, 29539, 29886* AB 28525 AC 29930, 28871, AD 28988*, 29344, 28703, 29235, 30983, 30643, 30995, 31773, 31139* GA 33332*, 33455, 33697
Tuberculosis	33	13	10	7	3	AA 29866, 32243* AB 30323, 29038* AC 31242*, 30350, 32137, 31576*, 32872, 31863, 31376*, 32847*, 32215, 31789 AD 29508, 29175, 30474*, 31343 GA 32769, 33409*	AA 29643, 31376, 31134, 30732, 29589*, 29642 AB 29787, 27594, 31058, 33547* AC 28871, 31472* AD 31256
Typhoid Fever	1	.....	.....	.....	1		AC 31089*
Paratyphoid Fever	1	1	.....	.....	.....	AD 31166	
Whooping Cough	3	.....	2	.....	1		AD 29444, 31773, 31139*

Disease.	T'l.c	Dis. ch'ged		Died.		Index Nos.	
						Male.	Female.
Parasites.							
Oxyuris Vermicularis.....	1	.....	1	.....	.....		AA 31766
Trichina Spiralis	1	1	.....	.....	.....	AB 30498	
Infections of Unknown Origin.							
Rheumatic Fever	11	3	8	.....	.....	AA 30711 AD 29517, 31055	AA 32579, 32717 AB 29380, 28623, 9488, 31032, 30615 GA 32775
Intoxications and Poisons.							
Turpentine Poisoning	1	1	.....	.....	.....	AD 32136	
Carbolic Acid Poisoning	1	1	.....	.....	.....	AD 32153	
Toxaemia	1	1	.....	.....	.....	AA 29374	
Cyclical Vomiting	1	1	.....	.....	.....	GA 32585	
Diseases of Metabolism.							
Diabetes Mellitus	37	17	16	2	2	AA 29580, 30251, 29467 30627, 32540, 32960, 32963 AB 28820, 29179, 29599*, 31635, 33588* AC 30077, 29178, 30583, 10241, 31693, 13006, 32608	AA 30817*, 31500, 30940, 32851, 33217, 33482 AB 29253, 26993, 31019, 30295, 23164*, 32377 AC 29559, 30427 29719, 33587 GA 32702, 33479
Rickets	4	3	1	.....	.....	AD 31105, 31084, 32363	AD 31521
Infantilism	1	.....	1	.....	.....		AA 32743
Pink Disease	1	.....	.....	.....	1		AD 30739*
Wasting Conditions	5	1	4	.....	.....	AD 30907	AA 201 AD 30740, 32420, 32301

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Digestive System.							
Mouth— Inflammation	1	.....	1	.....	.....		AC 30210
Oesophagus— Obstruction	1	.....	.....	.....	1		AC 29562*
Stomach— Hyperchlor- hydria	8	4	4	.....	.....	AA 32639 AB 31758, 31939 AC 31687	AA 32400 AB 30390, 32099 AC 30810
Functional Conditions	2	1	1	.....	.....	AC 29481	AC 32584
Congenital Pyloric Stenosis	8	6	.....	1	1	AB 30659 AD 30667, 30181, 31127* GA 32482, 33429, 32792	AD 31776*
Pyloric Obstruction	1	1	.....	.....	.....	AA 30501	
Dyspepsia	16	11	3	.....	2	AA 26475, 30511, 31102, 32796, 33608 AC 29047, 30090, 31956, 26581, 33566 AD 31187	AA 28920, 30177 AB 29122 AD 30952*, 30733*
Ulceration	56	36	16	2	2	AA 29694, 9065, 29112, 29823, 23551, 30784, 14114, 31567, 32020, 31531, 7957 AB 28961, 29229, 29180, 31496, 31035, 17949, 31283, 32347, 12107 AC 29441, 4260*, 19865, 30347, 23935, 30195, 30648, 30744, 30984, 31501, 31942, 12950, 31132, 33247, 31817, 33600*, 32715, 10274	AA 17556, 31555, 32398, 30602, 32405, 32871*, 33468, 31791, AB 28904, 26457, 29653, 29293, 29544, 29006, 29261 AC 30433*, 19248, 31020
Tumours— Malignant	8	5	2	.....	1	AA 30328, 31168, 28886, 31477 AC 33428	AA 28748, 30742 AC 28866*

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Diseases of Duodenum.							
Ulceration	10	7	3	.....	.....	AA 25433, 30624, 33084 AB 32351, 33551 AC 28714, 30455	AA 28821 AB 31621 AD 28420
Intestines.							
Inflammation	29	17	8	3	1	AA 29142*, 31321, 33086, 33497 AB 28902, 12703, 31452, 31928, 31647, 29181 AC 12453, 33199 AD 29797, 30057*, 28436, 31698, 31805*, 32274 AE 33446 GA 32804	AA 28072, 31183* 31977 AC 28829, 27200 AD 28244, 29354, 32209, 32279
Constipation	7	3	4	.....	.....	AC 29047, 30444 GA 32804	AA 32925, 32924 AC 33527 GA 32197
Megacolon	2	2	.....	.....	.....	AB 29870, AD 31909	
Visceroptosis	4	1	3	.....	.....	AB 29146	AA 24591 AB 30681 AF 31284
Tumours— Malignant	3	1	1	1	.....	AC 31317, 20715*	AC 30625
Liver.							
Cirrhosis	3	3	.....	.....	.....	AA 11480 AC 27789, 32542	
Syphilis	1	1	.....	.....	.....	AC 33145	
Tumours — Malignant	1	1	.....	.....	.....	AA 23990	
Rectum.							
Prolapse	1	.....	1	.....	.....		AD 29798
Gall Bladder. and Ducts.							
Inflammation	9	5	4	1	.....	AB 31359, 30100*, 31906, 32951 AD 26809, 31959	AB 33020 AC 29814. AD 28909 CA 33307

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Pancreas.							
Tumours—							
Malignant	2	1	.....	1	.....	AB 29633 AC 30194*	
Peritoneum.							
Acute							
Inflammation	3	1	1	.....	1	AD 30006	AB 24101 AD 29192*
T.B.							
Peritonitis	8	6	2	.....	.....	AA 32011 AB 30025 AC 29751, 31863, 31789 AD 30082	AB 29116, 30543
Kidney.							
Calculus	2	2	.....	.....	.....	AA 29952, 25433	
Displacement	9	2	7	.....	.....	AB 30934, 31191	AA 33559 AB 31762, 32427, 31526, 31414, 31441, 32632
Nephritis	39	17	10	11	1	AA 27894, 29287*, 11480*, 30880, 31940 AB 29049*, 28989, 30780, 30811, 30981, 24822, 33651*, 32605*, AC 28491*, 28656, 28965, 31152*, 30426, 29778, 30756*, 31694, 32516, 33590*, 33338*, AD 26605, 30436, 31205*, 28792	AA 31098, 31176, 32013, 32950 AB 30524 AC 29257*, 32211 AD 30891, 30838, 31629, 29615
Pyelitis	12	1	11	.....	.....	AB 31711	AA 29757, 30818, 32362, 32924 AB 29991 AD 29803, 31383, 31987, 31578, 32081, 31302
Uraemia	7	1	.....	5	1	AB 29049*, 32605* AC 28491*, 31152*, 29778, 33590*	AC 29257*
Bladder.							
Inflammation	2	2	.....	.....	.....	AD 29803, 30923	
Heart.							
Endocarditis	6	2	3	1	.....	AB 30337*, 2661 AD 29356	AA 29691 AB 26946 AC 28975

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Carditis	5	3	2	.....	.....	AB 29435 AC 27436, 28769	AC 28279 AD 28841
Pericarditis	2	1	1	.....	.....	AB 17192	AD 31038
Angina Pectoris	2	2	.....	.....	.....	AA 30463 AC 33352	
Coronary Thrombosis	2	2	.....	.....	.....	AC 30945, 31199	
Congenital Morbus Cordis	3	2	1	.....	.....	AC 29963 AD 32386	AD 31645
Mitral Stenosis	12	2	8	1	1	AB 29292 AC 22668, 33708*	AA 28419, 32745, 13813 AB 16653, 33248 AC 31366, 30955, 17728, 33393*
Mitral Incompetence	10	4	4	2	.....	AB 14748, 29917, 30782, 31519* AC 29542*, 30648	AA 13813, 32745 AB 31732 AD 31038
Pulmonary Stenosis	1	1	.....	.....	.....	AC 11371	
Aortic Stenosis	2	1	.....	1	.....	AC 29542*, 31738	
Aortic Incompetence	8	4	1	3	.....	AA 28788, 29013*, 33067 AB 29953*, 30100* AC 31738, 15400	AA 32717
Myocarditis	2	.....	1	1	.....	AB 32369*	AB 29814
Myocardial Degeneration	6	2	2	1	1	AA 29172, 31852* AC 30756	AA 31098, 32414* AB 7985
Disturbed Cardiac Action. Aricular Fibrillation	5	.....	5	.....	.....		AA 28419, 13813 AB 28995 AC 30955, 17728

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Tachycardia	2	1	1	.....	.....	AA 29068	AB 29380
Functional Heart Disorder	1	1	.....	.....	.....	AD 30258	
Diseases of the Blood and Spleen.							
Erythraemia	2	1	1	.....	.....	AC 31421	AA 30494
Acholuric Jaundice	1	.....	1	.....	.....		AA 33528
Anaemia— Pernicious....	24	13	8	1	2	AA 30620, 30779, 30952, 32534, 32900, 33264 AB 19194, 14289, 29678, 30078 AC 28676*, 31685, 33351 AD 20442	AA 29950, 30560 29636, 17734, 31306, 31608, 31628* AC 31594*, 31167, 30095
Secondary...	9	4	5	.....	.....	AB 11730, 32439 AC 29460 GA 33176	AA 30391 AB 24101, 30951, 33212, 19510
Splenic	4	1	3	.....	.....	AC 29440	AB 28617 AC 29265, 29928
Simple Achlor- hydric Anaemia	3	.....	3	.....	.....		AA 32646 AC 30503, 29744
Leukaemia— Lymphatic	3	2	.....	1	.....	AA 28174 AC 29961 AD 29639*	
Myeloid	2	1	.....	1	.....	AB 29075 AD 30301*	
Purpura	6	.....	5	1	.....	AA 33641*	AA 30235 AB 24163, 29262 AC 29375 AD 28790
Blood Vessels.							
Aneurysm	4	3	.....	1	.....	AA 30960 AB 11730 AC 28793, 30682*	

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Aortitis	2	1	.....	1	.....	AB 29992* AC 28891	
Arterio- sclerosis	8	4	2	2	.....	AA 30251, 30186, 30958, 33585* AB 31642* AC 29107	AA 32391 AC 29559
Hypopiesis	3	.....	3	.....	.....		AA 30375, 32391 AC 28529
Respiratory System.							
Tonsils and Adenoids	3	3	.....	.....	.....	AB 30169, 30782 AD 4347	
Bronchitis	20	10	7	3	.....	AA 28838 AB 29289*, 29435*, 29862, 26154, 32369*, 31659, 23488, 33083, 33355 AC 29448, 32108 GA 33633	AA 32359 AB 29253, 28912 AC 33527 AD 29396 GA 32697, 33622
Bronchial Asthma	10	4	6	.....	.....	AB 31887 AC 28814, 29192, 31575,	AB 29812, 31555, 31054, 32647 AD 28708 GA 32697
Bronchiec- tasis	5	2	1	2	.....	AA 31416 AB 29988* AC 31031* AD 30266	AB 32553
Lungs.							
Emphysema	4	3	.....	1	.....	AB 26154, 31659, 33593* AC 32108	
Pulmonary Embolism	2	.....	.....	1	1	AB 33384*	AB 30203*
Fibrosis	2	1	1	.....	.....	AB 27289	AB 29121
Abscess	2	2	.....	.....	.....	AB 31060, 32746	
Gangrene	1	.....	.....	1	.....	AC 30601*	

Disease.	T'tl	Dis- ch'ged		Died		Index	Nos.
		M	F	M	F	Male.	Female.
Infarct	1	1	.....	.....	.....	AA 31760	
Oedema	1	.....	.....	1	.....	AC 30485*	
Anthracosis	2	1	.....	1	.....	AB 33593* AC 31237	
Silicosis	1	.....	.....	1	.....	AB 33593*	
Tumours— Malignant	10	3	2	5	.....	AA 29428*, 25957*, 31670*, 20710*, 32243, 31047 AC 29437*, 31163	AA 29499 AB 24727
Pleura. Inflammation	10	7	3	.....	.....	AA 29379 AB 29805, 30178, 27289 AC 32581 AD 29620, 29194	AB 29186, 29656. AC 32332
Inflammation with Effusion	10	7	3	.....	.....	AA 29321, 32864 AB 29872, 30508, 31646, 32961 AC 32222	AB 30044 AC 29056, 28384
Empyema	8	4	2	1	1	AA 31585, 31489 AB 30337, 30721*, 1847	AB 29955*, 29806 AD 33626
Mediastinum. Inflammation	1	1	.....	.....	.....	AC 29320	
Tumours	4	1	2	1	.....	AA 30816* AC 26328	AA 29166, 31696
Nervous System. Meninges— Inflammation	14	6	1	5	2	AB 29038, 29882*, 30352 AC 31576* AD 29952, 30076*, 31782*, 31279, 31779, 31774, 29405*	AA 30222* AD 32200 GA 32140*
Cerebrum. Inflammation	4	1	2	1	.....	AA 30021 AD 31782*	AA 30021 AD 31946

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
						Male	Female.
Haemorrhage	8	M 3	F 3	M 1	F 1	AA 31530, 27453, 31530 AB 29992*	AA 31487*, 31252 33182 AC 30551.
Thrombosis	3	2	.....	1	.....	AA 33595* AC 30142, 31731	
Tumour	12	4	4	3	1	AA 29104, 31567 AB 33085* AC 30726, 32419* AD 30312*, 30542	AA 19045, 28091 30730, 32634* AB 29369
Hydrocephalus	2	1	1	.....	.....	AD 31116	AD 30932
Syphilis of the Nervous System.							
Tabes Dorsalis	8	8	.....	.....	.....	AA 31135, 33081 AB 32917, 32638 AC 29545, 29891, 30888, 32557	
G.P.I.	8	6	2	.....	.....	AA 30552, 33364 AC 28489, 28237, 28971, 29066	AC 28767, 29903
Gummatous Meningitis	4	2	2	.....	.....	AC 21114 AD 27253	AB 29240 AC 28687
General Diseases without Re- cognised Anatomical Basis.							
Tetany	1	1	.....	.....	.....	AD 32091	
Tics	1	.....	1	.....	.....		AD 30728
Parkinsonism	1	1	.....	.....	.....	AC 33147	
Migraine	2	1	1	.....	.....	AC 32289	AC 31787
Chorea	23	10	13	.....	.....	AA 31793 AB 29652, 2661, 32742 AD 29518, 29356, 30527, 27619, 31793, 32386	AA 22617, 28845 29167, 30420, 32717 AB 30172, 32368, 32701 AC 30438, 31366 AD 30003, 31038 GA 32922

Disease	T'tl.	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Epilepsy	11	9	2	.....	.....	AA 31328 AB 23572, 31337 AC 29314, 31967, 32125 AD 29807, 29987, 30415	AD 29516 GA 33303
Psychoneurosis.							
Hysteria	3	.....	3	.....	.....		AC 30571, 30551, 31628
Neurasthenia	18	6	12	.....	.....	AA 32919, 33523 AC 30188, 31390, 31238, 31687	AA 33095, 32956, 33468, AB 28500, 32443, 32632 AC 30658, 31103, 31161, 31309, 20437, 23421
Insanity	10	5	4	1	.....	AA 33364 AB 33083 AC 29883, 31968 AD 28889, 29223*	AA 29129 AB 31566 AC 29259 GA 28889
Cranial Nerves.							
Paralysis	3	.....	3	.....	.....		AD 30154, 31946, 32301
Associated Paralyses of Cranial Nerves	1	1	.....	.....	.....	AA 5132	
Cerebellum.							
Tumours	1	.....	.....	1	.....	AD 32309*	
Spinal Cord.							
Acute Poliomyelitis	5	2	2	1	.....	AB 31997 AD 30562*, 31793	AC 32387 GA 33631
Sub-acute combined Degeneration	6	4	2	.....	.....	AA 31392, 31387, 32900 AC 33351	AA 33108 AC 30095
Disseminated Sclerosis	10	4	5	1	.....	AA 31131, 33082* AB 33451 AC 28493, 33426	AA 30748 AB 29105 AC 30796, 33234, 32480

Disease..	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Spastic Paraplegia	4	3	1	.....	.....	AA 28387 AB 30502 AC 27553	AD 29808
Tumours	1	.....	.....	.....	1		AB 32060*
Peripheral Nerves. Paralysis	3	2	1	.....	.....	AA 29696 AC 33307	AC 31481
Inflammation	10	7	3	.....	.....	AA 28853, 32019, 31981 AB 23258 AC 30111, 31789, 32786	AA 32631, 33259 AD 31296
Muscles and Joints. Injury	2	1	.....	1	.....	AB 32048 AC 30485*	
Arthritis— Rheumatoid	10	2	8	.....	.....	AB 29157, 29720	AA 28429, 30793 AB 29769, 30681, 31552, 32338, 32636 AC 27347
Infective	4	4	.....	.....	.....	AA 33586 AB 30834 AC 28769 AD 32421	
Lymphatic Glands. Lymphade- noma	6	4	.....	2	.....	AA 30327, 31985* AC 31242*, 31282 AD 30058 GA 32237	
Lympho- sarcoma	1	1	.....	.....	.....	AC 33663	
Bones. Malformation	2	1	1	.....	.....	AB 22412	AA 32580
Tumours	4	.....	3	1	.....	AA 30464*	AA 32025 AB 30380, 2111

Disease.	T'tl	Dis- ch'ged		Died.		Index	Nos.
		M	F	M	F	Male.	Female.
Endocrine Glands.							
Suprarenals	3	1	.....	2	.....	AA 29948* AB 29438* AC 10838	
Pituitary	4	1	3	.....	.....	AD 32003	AA 30293 AC 30997 AD 31002
Thyroid and Parathyroid	33	6	23	1	3	AA 30163, 30936, 32204*, 32302, 32640, 33439 AC 29107	AA 28537, 29008 30778, 29302, 31689 32414*, 32165, 33473* AB 22740, 29810 30691, 29998, 29724 30690, 32023, 31996 32578 AC 28042, 29311* 28264, 29828, 29922 31130, 31889, 31914 AD 32130
Miscellaneous Diseases.							
N.A.D.	9	5	4	.....	.....	AB 29109, 39581 AD 30475 GA 32758, 33209	AA 33114 AB 31051 AD 30919 GA 33571
Various	30	12	14	1	3	AA 31358, 32914, 32435 AB 29581, 30931, 33484, 33384* AC 32669, 22981 AD 29799, 29338, 28854 GA 33092	AA 29940, 29808 AB 30870, 32529, 30203*, 31439, 29557 AC 33188, 32276, 33362*, 31472*, 31377, 29056, 28633 AD 31941, 32075 GA 33546
Skin Cases in Medical Wards	8	3	5	.....	.....	AC 32516 AD 30208 GA 33633	AB 33607, 31566 AD 30948 GA 32530, 32197

SURGICAL INDEX.

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Abdominal Wall.							
Inflammation	12	3	8	1		BD 28337 BF 30283 BJ 28810, 30947*	BC 2358 BD 32229, 33526, 33349, 32882, 33597 BG 29249, 29913
Injury	7	7				BD 28741, 29392, 31824, 31068 BJ 31379 BK 29332, 30240	
Tumours— Non malignant	2		2				BD 32365 BK 28867
Malignant	1	1				BJ 33505	
Anus.							
Inflammation	5	2	3			BC 31095 BG 28614	BC 8583 BD 31318, 32080
Haemorrhoids	27	22	5			BC 29155, 32566 BD 29046, 29989, 31806, 31233, 32513, 32853, 30592, 32422, 32224 BF 31261, 32890, 32033, 33655 BG 30073, 30145, 28316, 29902, 32869, 21539 BJ 33342	BC 29614 BD 28567, 32291 BF 29485 BH 31675
Malformations	17	9	7	1		BC 32513, 28117 BD 30397, 29505 BF 30147, 31432* BG 32795 BJ 31569, 32145, 30850	BC 29684 BD 30133, 32456 BG 30333 BH 31675 BJ 29668 BK 32089
Tumours— Malignant	1		1				BG 31124
Arteries.							
Thrombosis	1	1				BD 29183	
Aneurysm	1	1				BF 31498	

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Appendix. Acute Inflammation	219	97	118	3	1	BC 29328, 29090, 29661, 29185, 30387, 29879, 31108, 31539, 32251, 32249, 32328, 33079 BD 28796, 28945, 29341, 30137, 28801, 29057, 30253, 30255, 30792, 21169, 31115, 31642, 32403, 33406, 31595, 30950, 29654 BF 30392, 30349, 30522, 30664, 31218, 31398*, 31090, 32898, 32576, 33089, 33068, 33208, 33529, 32771, 32214, 32840, 32007 BG 29070, 29395, 29150, 29141, 29216, 30554, 30863, 30855, 30862, 31245, 32013, 32014, 32029, 32278*, 32031, 32343, 31202, 32929, 32624, 32275, 32993, 32999, 33049, 33105, 33121, 33375, 33459, 33628 BH 30978, 31142*, 31204, 31936, 31747, 32644, 33009, 33301 BJ 29252, 30205, 31572, 32321, 32628, 33000 BK 29144, 29547, 30722, 30726, 30537, 30787, 30304, 31420, 31699, 31605, 31944, 32543	BC 29813, 29039, 29571, 29228, 30015, 31361, 30993, 31397, 30895, 30826, 30119, 31143, 31144, 32250, 32323, 32601, 32167, 33254, 33489, 33347 BD 29154, 28888, 28861, 29291, 29149, 28896, 28668, 32187, 29830, 30369, 30363, 30548, 30479, 32453, 33360, 30315, 32393*, 32808, 29393, 29342, 29389, 33041, 33050, 29562, 32207 BF 30056, 30663, 30660, 30557, 30597, 29708, 30149, 30781, 30775, 32891, 30822, 21614, 30821, 32687, 32226, 32523, 33198, 33149, 32841, 33006, 33003, 33337, 33567, 33556, 33562, 30339 BG 29244, 29060, 29205, 29402, 29923, 30288, 30507, 30861, 30912, 29412, 31843, 32032, 31688, 32017, 32033, 31735, 32623, 32992, 32996, 32821, 32997, 33277, 33275, 33230, 32684, 32456, 30637. BH 31101, 31448, 31612, 31871, 31850, 31938, 31403 BJ 29161, 30640, 30434, 31012, 31184, 31182, 32192, 32977, 33231, 33602 BK 30723, 30614, 33683, 33395

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Acute with General Peritonitis	14	6	3	4	1	BC 29486*, 29329, 33824* BD 30431, 30695* BF 29021, 28705 BG 32929, 33796* BJ 33653	BD 29767 BF 29520* BG 30094 BH 28160
Acute with Local Peritonitis	18	14	4			BD 28512, 30022, 29770, 29768, 31703 BF 29355 BG 30755, 3844, 30307 BJ 30453, 31241, 31244, 31378 BK 32199	BD 29000, 29824, 30791 BG 29618
Acute with Abscess	61	34	23	3	1	BC 28786, 30931, 32954, 32903 BD 28009, 28799*, 28805, 29768, 30737, 31325, 32558, 32401, 29390, 31430, 33639, 30368, 31960 BF 28826, 29164, 29584, 29746, 30219, 29638, 30596, 30808, 30661, 32223 BG 30141, 33377*, 33191 BH 31788, 31929, 33090 BJ 30947*, 33194 BK 29032, 32199	BC 31151, 30731 BD 29489, 29294, 32076, 32080, 30939, 33263 BF 28831, 29473, 31250*, 30874, 32379, 31295, 32306, 32752, 32575, 33465 BG 30856, 31866, 22478, 32626 BH 28927 BK 30239
Chronic or Quiescent	93	39	52		2	BC 30196, 29909, 30037, 30815, 29114, 30799, 33522, 32828 BD 10274, 28337, 31352, 31327, 30519, 30693, 32267, 33361 BF 28408, 29582, 29024, 30038, 30465	BC 21978, 30379, 30569, 30831, 28635, 32667, 32884 BD 31786, 14069, 31950, 28875, 30729, 31311, 32037, 31787, BF 29022, 28910, 29170*, 21613, 29264 28541, 30458, 30271, 32770, 32525, 32304, 9173, 32886, 33404, 33220, 33367, 33064

Disease.	T'tl	Dis- ch'ged		Died.		Index	Nos.
		M	F	M	F	Male.	Female.
						BG 31796, 31896, 32744, 32609, 33178, 33592, 33558, 21886	BG 29664, 29611, 29819, 30081, 30093, 30199, 31624, 31686, 32127, 32315, 32590, 32976, 32769, 33102, 32974*, 33188, 33708, 23519, 33525
						BH 28592, 31522	
						BJ 29692, 29896, 30144, 27733, 25990. 31551, 31465	BJ 31453, 33181
						BK 32018	BK 32027
Sub-acute	34	14	20			BC 29658, 25625, 28626, 33434, 26547	BC 29659, 29492, 29713, 29659, 29017, 30903, 31562, 33119
						BD 16559, 29195, 32616	BD 29001, 1405, 33024, 33205
						BF 29077, 30661, 14210	BF 28406, 29980
						BG 28902	BG 28872, 29352, 29250, 30844
						BK 31898, 31674	BK 30789, 30417
Axilla.							
Tumours—							
Non-malignant	1		1				BG 33290
Bladder							
Inflammation	22	11	10		1	BD 29151, 30079, 25691, 30668, 30518, 30486, 31393, 32760	BC 29859, 29635 BD 28750, 31641*, 29495, 16926, 33196
						BF 33630	BF 32171, 32155
						BG 32321	
						BH 4067	BH 31833 BK 31658
Calculus	10	9		1		BC 31180, 31331, 33111	
						BD 25691, 28795	
						BF 28545, 30148*	
						BG 32123	
						BH 28657, 31651	
Malformations	3	2		1		BD 32009	
						BG 32941*	
						BJ 28780	
Tumours—							
Non-malignant	4	4				BC 28630	
						BD 12353, 32299	
						BH 29809	

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Malignant	10	8	1	1	.....	BD 29825* BF 29433, 30282 BG 30343 BH 28985, 29407, 29876, 31140, 33432	BD 31520
Blood.							
Anaemia	1	1	.....	.....	.....	BC 32828	
Pyæmia	3	1	.....	1	1	BC 29593* BD 31221	BF 31193*
Septicæmia	2	.....	1	.....	1		BC 29857* BD 30646
Bones.							
Inflammation	113	62	49	2	.....	BC 29484, 26945, 33186 BD 13625, 28501, 29835, 29447, 30302, 29985, 27616, 1630, 24484 BF 28769, 29406*, 29936, 30584, 28832, 29360, 29476, 28929, 30048, 30211, 32367, 33293, 32476 BG 29010, 17992, 29002, 28865, 28966*, 29683, 29776, 29868, 29847, 29727, 29973, 30260, 30027, 30446, 30259, 30452, 30183, 30580, 30864, 12458, 33286 BH 29177, 28773, 30468, 31584, 31848 BJ 26723, 31503 BK 11398, 30241, 30067, 30155, 30308, 30110, 30156, 30342, 30206, 30538, 32232	BC 28785, 30164, 30065, 30064, 30365, 13669, 31527 BD 29288, 29055, 30589, 32036, 31223, 31021, 31014, 33046, BF 29320, 28830, 29749, 29708, 29367, 29078, 29645, 29647, 29534, 29597, 29322, 29873, 30339, 30514, 30399, 30284, 33430 BG 29045, 29102, 29061, 29011, 29353, 29464, 29731, 31986, 32823, 30385 BH 28834, 28974, 28930, 29796 BJ 29601 BK 30248, 30416
Injury.							
Fractures—							
Base	35	13	6	15	1	BC 29041, 31154,* 31474*, 31542*, 32656* BD 30801*, 29918*, 32668*, 32559*, 32670* BF 28913*, 29532* 29171, 29706 BG 28958, 29119, 29775, 31073*, 31844*	BC 29370, 29680 BD 31431, 33598 BG 29920, 30456*

Disease	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male	Female
Clavicle	7	6	1			BH 29877, 30777, 31937, 32895, 33634* BJ 29251, 30966*, 30641 BK 30678 BD 32794 BF 32307 BG 32672 BJ 30913 BK 30247, 30418	BK 30677 BD 29506
Coccyx	1	1				BD 31828	
Femur	79	55	22	1	1	BC 29809, 28607, 28690, 28840, 29042, 29222, 29424, 30994, 31057, 30898, 32789, 32897, 32902, 32904, 33617 BD 28860, 28803, 28955, 28666, 32073, 32008, 28217, 29564, 30071, 30140, 27087, 32500, 33397 BF 29061, 29163, 28990, 29790, 30768, 30976, 33331, 32477 BG 28519, 29689, 30639, 29512, 31086, 32082, 31085, 32087, 31988, 32748, 33122, 33460 BH 30877, 31751*, 31450 BJ 31291, 31519 BK 25546, 32050, 31877	BC 29230, 32377, 33489, 33396 BD 28804, 29295, 31826 BF 2813, 28587 26408, 29875, 31345 BG 28907, 29160, 28968, 29934, 31185, 33512, 32139* BH 30684, 31862, 31750 BK 30477
Fibula	4	3	1			BF 29710, 32643 BG 33408	BJ 29871
Humerus	19	14	5			BC 28982, 28836, 29422 BD 30006, 31027 BF 30968, 31433 BG 32213 BJ 30047, 31509, 33001 BK 31763, 31976, 30190	BD 29237, 31588 BG 33128 BK 31536, 31592
Mandible	3	3				BD 29701 BF 32088 BK 30563	

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Maxilla	2	2	.....	.....	.....	BG 30451 BK 31811	
Metacarpal	1	1	.....	.....	.....	BF 29586	
Metatarsus	1	1	.....	.....	.....	BK 32115	
Nasal Bones	1	1				BC 31269	
Patella	9	8	1	.....	.....	BD 25826, 32059 BF 33065 BG 28905, 32868, 33411 BH 31861 BK 31877	BK 32181
Pelvis	17	16	1	.....	.....	BC 31405, 30935, 33169 BD 29682, 29560, 30901, 31324, 30545 BF 32888, 32643, 33331 BH 31581, 31846 BJ 30703 BK 30243, 32050	BJ 29871
Phalanx	2	1	1	.....	.....	BG 33411	BC 31312
Radius	5	4	.....	1	.....	BF 29753, 33299 BG 33183*, 33124, 33625	
Radius and Ulna	11	10	1	.....	.....	BC 30001 BD 29445, 32670 BF 29586, 29710, 33334 BG 28519, 30072, 30956 BK 30309	BF 29848
Ribs	14	13	1	.....	.....	BD 30489, 29391, 32077, 30905 BF 29703, 31129, 33572 BG 29977, 30383, 32822, 32672 BJ 29789 BK 30242	BC 33394
Scaphoid	2	2	.....	.....	.....	BC 30534 BF 31294	

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male	Female.
Scapula	6	6	.....	.....	.....	BC 29277, 29426 BD 31175, 30906, 32794 BJ 29426	
Spine	7	5	1	1	.....	BD 29560, 30310*, 33025 BG 33124 BH 31915, 31753	BD 25591
Tarsal	1	1	.....	.....	.....	BC 30895	
Tibia	17	13	3	.....	1	BD 24002, 26611, 30319, 31517, 29456, 29594 BF 29023, 29272, 32227 BG 31013, 32417, 32519, 32345	BC 32337 BF 29174 BG 32139* BK 30246
Tibia and Fibula	41	31	7	3	.....	BC 28494, 28656, 31056, 31257*, 31454 BD 28954, 29388, 27520, 31769, 29681, 32980, 32621, 32848, 32911 BF 28414, 30218, 32066, 31294 BG 29071, 29308, 29209, 28519, 33183*, 33598 BH 30103, 29877, 31678, 31752, 31751* BJ 23231 BK 25546, 28317, 31270, 31810 BF 30347 BG 30383 BK 31699	BC 29662, 29861 BF 28413 BG 33276 BH 28981, 30774 BJ 30914
Ulna	3	3	.....	.....	.....	BC 29881, 30066, 31535, 32656*, 32958, 33435 BD 31590, 30084, 33112, 31825 BF 32095 BG 29729, 33183* BH 31327 BK 30535*	
Vault	18	12	2	3	1	BC 29881, 30066, 31535, 32656*, 32958, 33435 BD 31590, 30084, 33112, 31825 BF 32095 BG 29729, 33183* BH 31327 BK 30535*	BG 32139* BJ 29578, 31382
Malformations	20	8	8	3	1	BC 29224*, 32904 BD 29864*, 29387*,	BD 31949*, 32738,

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
						30052, 31798, 32448 BF 30278 BG 31743 BH 31748 BK 31856	29951, 30594 BF 29665, 32863 BG 18770, 30008 38937 BK 29421, 32083 32085
Tumours— Non-malignant	5	3	2	.....	.....	BF 29420 BK 31652, 31657	BC 29888 BF 28757
Tumours— Malignant	14	7	7	.....	.....	BC 29700, 9821 BD 26327, 2719 BF 2137 BG 24721 BJ 33499	BD 14859, 22292, 31895 BF 14262, 27745 BG 33235 BJ 32238
Breast. Inflammation	22	.....	22	.....	.....		BC 33201, 29964, 32785 BD 29600, 28481, 28825, 31881, 29563, 31790, 30277 BF 29454, 29003, 28508 BG 28906, 31075 BJ 33402, 33529, 29783, 30143, 31147, 29377 BK 31661
Tumours— Non-malignant	16	.....	16	.....	.....		BC 29106, 31442, 33656 BD 31533, 31229, 30160, 31357 BF 29609 BG 29118, 23297, 28674, 30297, 31684, 33594, 33664 BJ 29781
Malignant	70	...	69	.....	1		BC 29168, 25667, 29502, 30356, 31220, 31287, 13997, 31500, 32413, 32571, 32766 28731, 33129, 32785, 33552, 33366, 33656 BD 28782, 29812, 30656, 31307, 30766,

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
						Male	Female.
		M	F	M	F		
							30701, 31435, 14555, 31022, 28205, 32959, 31516, 25222, 30191* BF 29436, 15290, 29238, 23295, 29150, 29296, 25824, 29610, 29162, 30669, 29944, 17758 BG 29035, 28674, 7068, 30414, 22454, 30841, 27343, 30974, 30823, 31534, 32570, 23297, 30842, 31690, 31851, 32234, 32371, 33057, 23490 BH 26909, 31614, 31739 BJ 29849, 31426, 31497, 31206 BK 31648
Bronchi.							
Inflammation	3	1	1	....	1	BD 31532	BD 32236* BG 33627
Bursae.							
Inflammation	4	1	3	....	....	BD 31016	BD 30856 BK 29078, 31655
Caecum.							
Inflammation	1	1	....	....	....	BJ 32492	
Tumours— Malignant	2	....	1	....	1		BC 28963 BD 30488*
Chest Wall.							
Injuries	9	8	1	....	..	BC 32255, 32602 BD 30184, 33448 BF 14821 BH 31030 BJ 31320 BK 32714	BJ 31508
Inflammation	10	7	3	....	..	BC 32565 BD 29334, 30179, 33536, 32242 BF 31186 BK 30655	BF 33382, 33711 BK 31767
Tumours— Non-malignant	6	1	5	....	....	BD 31050	BD 532, 31048, 30200, 33533 BF 31512

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Colon.							
Inflammation	7	6	.....	.....	1	BD 16083, 32009, 33062 BF 29838 BG 30011 BH 29416	BD 32236*
Tumours— Malignant	28	10	10	3	5	BC 31093 BD 29507, 28933, 29837*, 33312*, 32035 BF 26151, 33682 BG 29313, 29839*, 30353, 30355 BK 31434	BC 29137*, 31415*, 32434* BD 28270, 31478*, 30761, 30085, 31042, 31879, 20715* BF 33340 BG 28781, 30844 BJ 28912 BK 30673
Duodenum.							
Ulceration	8	6	1	1	.....	BC 32901 BD 31350, 15147, 32564 BF 30217*, 32842 BJ 30250	BF 30135
Perforation ...	12	9	2	1	.....	BD 28622, 19312, 31069 BF 30555 BG 29074 30493 BK 29548, 30167, 30675, 31874*	BD 29430
Malformation	1	1	.....	.....	.....	BG 32203	
Ear.							
Injury	1	1	.....	.....	.....	BD 33357	
Tumours— Malignant	4	3	1	.....	.....	BC 29628 BD 30593, 32397	BK 32022
Epididymis.							
Inflammation	1	1	.....	.....	.....	BF 30320	
Tumours— Non-malignant	1	1	.....	.....	.....	BD 29630	
Epilepsy	3	2	1	.....	.....	BD 30885, 33144	BD 30014
Face,							
Injury	3	2	1	.....	.....	BC 31267 BJ 30867	BG 29315
Inflammation	5	5	.....	.....	.....	BF 28980, 29981, 30370 BG 29843, 32015	

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Tumours— Non-malignant	8	5	3	.....	.....	BC 29362 BD 28410, 31024 BF 33575 BG 31644	BD 31034, 30461 BG 31891
Malignant	18	9	9	.....	.....	BC 29842, 31096, 22343, 32663, 32875 BD 30650, 32163 BG 31834 BJ 29501	BC 29306, 31063 BD 31992, 31842, 16188, 14932, 28536, 21910 BH 32372
Fallopian Tubes. Inflammation	6	.....	5	.....	1		BD 28670 BF 29588* BG 29611, 30202, 30385 BK 26102
Ectopic Gestation	4	.....	4	.....	.....		BF 30214, 30280, 30338 BK 33618
Torsion	1	.....	1	.....	.....		BK 29044
Gall Bladder and Ducts. Calculus	28	3	24	1	.....	BC 33359 BF 28813, 28412, 32228*	BC 30831, 32568 BD 28864, 31485, 31305, 32080, 32926, 33288, 30460 BF 28541, 32462 BG 29007, 29579, 30085, 32028, 31952, 32446 BJ 31301, 31236 31371, 31473, 31365 BK 29346, 32094
Inflammation	80	11	58	4	7	BC 29114, 33359 BD 10274, 33594, 33491*, 31394* BF 32228, 4777, 32964*	BC 29816, 30831, 31467, 31150*, 30358, 31123, 28999, 30032*, 32180, 33215, 32568 33378, 33190, 33614 31479 BD 30193, 27706 31305, 32156, 29710 32039, 31556 BF 28910, 29022, 29173, 29296, 29752, 30132, 11591, 30521*,

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
						Male.	Female.
		M	F	M	F		
Tumours— Malignant	3	.....	3	.....	.....	BG 32357* BH 30289 BJ 30626, 30727, 31263 BK 27258	30769, 30905, 31157, 30821, 31253, 32196, 32462, 5413, 32304, 33466*, 33570, 33534 BG 29579, 29666, 30081, 30849, 29579, 30085, 32681*, 33314 BH 31868, 30800 BJ 29582, 31301, 31236, 31371, 31473, 31365, 32265, 32151, 32396, 32954 BK 29346*, 30473, 31978* BD 32567 BG 31952 BJ 32677
Heart. Inflammation	1	.....	1	.....	.....	BD 30126*	
Hernia. Inguinal	113	97	15	1	.....	BC 28919, 29246, 29840, 31425, 30794, 31388, 32817, 33500, 33372, 33278, 33325, 33507, 33623, 32990, 33580 BD 29838, 28864, 28485, 30413, 24400, 23937, 32126, 31429, 31730, 31347, 30840, 32010, 31857, 30566, 29191, 32724, 32410, 31741, 29831*, 31231, 32131, 32494, 32373, 32741, 32782, 32449 BF 25704, 28653, 29415, 29533, 30465, 30104, 30294, 30344, 30890, 31218, 32524, 32968, 32042, 32979, 31495, 32852 BG 29182, 28941, 29417, 29520, 29432, 30115, 30224, 30672, 32147, 31890, 32312, 30201, 32768, 31383, 33117, 33392, 33558, BH 31930, 31673, 31549, 33069	BC 29967, 32270, 33505 BD 28502, 30213 29325, 21246 BF 29361, 30345, 33568 BG 29371

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
						BJ 29418, 29575, 29458, 29911, 29996, 30845, 30273, 31025, 31212, 31347, 31456, 31459, 31730, 32594, 32932, 33329 BK 30896, 31637, 32018, 32144	BJ 29941, 31001 32673, 33179
Femoral	14	7	7			BC 33577, 33060, 31395 BD 32426 BF 4788 BG 33343 BK 30561	BC 29888 BD 30698, 33282, 33197 BF 30345 BG 29394, 29463
Obturator	1				1		BD 32393*
Umbilical and Ventral	33	12	19	1	1	BC 32472 BD 28448, 11988*, 33882, 29511 BF 29355, 22022 BG 30608 BJ 30481, 31548, 25680, 30626 BK 32053	BC 14104, 31506 BD 31559, 32928, 7986, 32776*, 29290, BF 29472, 29479 30717, 33113, 33335 BG 29072, 28874, 24937, 31507, 8846, 33523 BH 33610 BK 30874
Strangulated Hernia. Inguinal	26	22	1	3		BC 28715, 29378 BD 29059, 291999, 29058, 28671, 30183, 22731, 31363, 33100, 33096 BF 28931, 29410, 29360*, 30281, 29176 BG 29201, 32870 BH 31099 BJ 32149 BK 29280, 30165*, 30123*, 30830, 32484,	BK 32842
Femoral	15	2	10	2	1	BC 32997 BD 30311* BG 32870 BK 32121*	BC 31266, 33253 BD 30853, 32981 32078 BF 30153*, 33249 BG 30041 BJ 29120, 30206 BK 30685

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Umbilical and Ventral	4	.....	3	.....	1		BC 29551 BD 5074*, 30949 BF 29792
Infections.							
Erysipelas	7	2	5	.....	.....	BC 30919 BJ 32150	BD 29564 BF 29296, 29945 BG 31077, 31669
Tetanus	1	.....	.....	1	.....	BK 31761*	
Multiple Injuries.	88	50	30	4	4	BC 29712, 30120, 29855, 32330, 32252, 32716, 32846, 33435, 33214 BD 29095*, 30139, 30319, 29718, 32262, 32436, 32613, 33044, 31426, 31114, 33537*, 30546, 31455, 32913 BF 29637, 29644, 30492, 32382, 33004, 33168 BG 29100, 29786, 29777, 30565, 30451, 31074, 31845, 32016, 28969, 33485*, 33620 BH 30107, 30403, 31586, 31523, 31870, 32645, 32751* BJ 30265 BK 30359, 30309, 30243, 30421, 32107, 32000	BC 29274, 30004, 29889, 33170*, 33287 BD 28721, 29340*, 29506, 29237, 28609, 31375, 31632, 33490 33316, 29563 BF 29887, 20209, 30152, 30757*, 32893 33478 BG 29208, 29064, 28282, 30909, 30806, 31010*, 32627. BH 31865, 31867, 32042 BJ 29514, 30386 BK 30559
Intestines.							
Constipation	11	5	6	.....	.....	BC 29114, 31627 BD 33406, 31513 BK 30409	BC 29853 BD 33640 BF 30724 BG 30378 BH 33283, 33727
Enteralgia	22	13	8	1	.....	BC 29263, 29804, 30005 BD 28802, 28940, 29236, 31857, 19473*, 32071, 33042, 30410, 31885, 31714, 32867	BD 28742, 29108, 31727, 31224, 31172, 33421, 18535, 32334
Foreign Body	6	2	4	.....	.....	BH 31932 BJ 32521	BF 29587, 32831 BG 32625, 33626

Disease.	T'tl	Dis- ch'ged		Died.		Index	Nos.
		M	F	M	F	Male.	Female.
Intussusceptions	5	3	1	1	.....	BF 30662 BG 32153 BK 29040*, 31419	BF 33239
Obstruction	37	9	12	11	5	BC 28789*, 30921* BD 13384, 29837*, 30255, 32494 BF28960*, 29024, 30401, 32042, 33740 BG 29183*, 29466*, 3929, 30402*, 26679*, 32278*, 32680* BK 30531*, 31813	BC 30927, 32434* BD 31070*, 31478*, 29824, 23379, 32080, 32453, 31715 BF 29709, 32736 BG 28812*, 30204*, 32277, 32210 BJ 32861 BK 30673
Malformations	11	4	5	2	.....	BC 29146 BD 32024, 31015 BF 30531* BG 30843, 1685*	BD 31300, 30911, 32037 BH 32232 BJ 32596
Joints. Inflammation	19	8	11	.....	.....	BC 23572 BD 29748, 30762 BF 29935 BG 30864 BH 31847, 31667 BK 30236	BD 29702, 29443, 29495, 16926 BF 30598, 33532, 33066 BG 30435 BH 32474 BJ 29567 BK 31655
Internal Derangement of Knee- Joint	18	16	2	.....	.....	BC 31175, 33557 BD 33153, 31958, 14917, 33433, 30762 BG 30118, 32314, 32953 BH 31667 BJ 32535, 32800, 33328 BK 31656, 31975	BD 33284 BG 31706
Dislocation	18	13	5	.....	.....	BF 28881, 29258, 30347, 33299 BG 28898, 30256, 30807, 32672 BJ 29733, 30913, 31320 BK 31976, 30424	BD 31588, 29716 BF 29174 BG 30046, 32313

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Kidney.							
Calculus	21	11	7	3	.....	BC 29541 BD 30305 BF 29136*, 31446, 32664 BG 29033*, 29503, 29784 BH 6664*, 3552, 31564, 31553 BK 30364 31839	BD 32976 BC 10605 BH 29646, 28487, 31525, 31821, 33678
Injury	2	2	.....	.....	.....	BF 33294 BG 31668	
Displacements	2		2	.....	.....		BG 33687 BK 30530
Inflammation	33	15	14	1	3	BC 32896 BD 32009, 30486, 32661, 27649*, 30366 BF 33294 BG 29569, 7364, 30704, 32321 BH 31045, 30719, 30602, 4067, 31919	BC 26616, 29885 31563 BD 29196, 29716 33099 BF 29990, 30829* BG 31732, 33187 32830* BH 29358, 28930, 28299, 28487, 9433 BK 31658*
Haematuria	9	7	2			BG 28550, 31239, 30159, 31625 BH 31564, 31933 BJ 31226 BC 31268 BD 33266 BJ 31493	BD 32160, 29657
Nephralgia	6	3	3	.....	.....	BD 33266 BJ 31493	BD 30586, 31355 32988
Tumours— Non-malignant	7	4	3	.....	.....	BD 9077, 33219 BG 28839 BH 31308	BC 29219 BD 32976 BH 28487
Malignant	5	3	1	1	.....	BD 27649* BG 31625 BJ 29933, 32880	BD 29657
Larynx.							
Inflammation	1	1	.....	.....	.....	BD 30397	
Tumours— Malignant	1	1	.....	.....	.....	BG 29036	

Disease	T'tl.	Dis- ch'ged		Died.		Index Nos	
		M	F	M	F	Male	Female
Limbs.							
Foreign Body	7	2	5	.....	.....	BC 29423 BF 32437	BC 29398, 30013, 32706 BD 32757 BK 31666
Inflammation	56	28	24	4	.....	BC 28953, 31528 BD 31827, 33583, 29431*, 33595*, 32978, 28713*, 31281, 31272*, 30080 BF 29131, 29583, 30827, 31138, 32220, 32433 BG 29198, 28697, 29869, 23201, 30389, 30079, 30183, 31736 BH 30558, 31869 BJ 31240, 31290, 30998, 33378 BK 31807	BC 29275, 31061, 31312, 31145, 32707, 19540 BD 28503, 32036, 33396, 28503, 29197, 28720 BF 28828, 29170, 29471, 30109, 26686 BG 28877, 30326, 29012 30751 BJ 30267, 31440 BK 29687
Injury	34	22	12	.....	.....	BC 33701 BD 30804, 29336, 31175, 31066, 31170, 32208, 29667, 30138 BF 25001, 31197, 30772, 30706, 32458 BG 31081, 31013 BH 30720, 31860, 30105 BK 30423, 31807, 30248	BD 31428, 31961 30023, 32719 BF 30773 31344 BG 31737, 31155 BH 31620 BJ 32683 BK 31876, 31540
Malformations	5	3	2	.....	.....	BF 30041 BG 29627 BJ 30321	BD 17508, 32272
Tumours— Non-malignant	8	5	3	.....	.....	BC 30378 BD 30212, 31050 BG 32312 BJ 31367	BC 29247 BJ 30158, 31440
Malignant	4	4	.....	.....	.....	BF 32166 BG 29774, 30112 BJ 30074	
Lips.							
Malformations	10	6	4	.....	.....	BC 29145 BD 30759 BF 30131 BG 30034, 29128 BJ 31457	BD 32777 BF 29411, 33115 BG 30298

Disease.	T'tl.	Dis- ch'ged.		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Tumours— Malignant	21	18	3	.....	.....	BC 29740, 27208, 31783 BD 31386, 31227, 33260, 32267, 33137, 23848, 29954 BF 30797, 31277, 33280 BG 29695 BH 26577 BJ 30223, 32044, 32240	BD 31304, 33300 BG 30607
Liver. Inflammation	8	4	.....	2	2	BC 10853, 28922* BD 32549 BG 33584 BJ 29626*, 30725	BD 29889* BF 31835*
Injury	1	.....	.....	1	.....	BF 32172*	
Tumours— Malignant	1	.....	1	.....	.....		BF 29898
Lungs. Inflammation	34	15	10	8	1	BC 29862, 31299* BD 29335*, 30489, 29983, 28217, 19493*, 29827, 26695*, 30767 32201 BF 30599*, 29874, 30722, 33420* BG 29549, 30754, 32682 BH 31142* BJ 32520, 33056 BK 31585, 30244*	BC 29188, 28985, 30908 BD 30487, 29389, BF 29622,* 31676, 29704 BG 31572, 31702 BH 31779
Injury	2	2	.....	.....	.....	BD 30182, 30905	
Embolism	1	.....	.....	1	.....	BF 32416*	
Tumours— Malignant.....	1	1	.....	.....	.....	BF 29937	
Lymph Glands. Tumours— Malignant	4	3	.....	1	.....	BD 11573 BF 28768, 30054* BJ 23981	
Mediastinum. Tumours— malignant	1	1	.....	.....	.....	BG 25561	

Disease.	T'tl.	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male	Female.
Mesentery. Tumours and Cysts	1	1	.....	.....	.....	BF 29218	
Mouth. Tumours— Non-malignant	4	2	2	.....	.....	BD 31345 BG 31775	BD 30886 BJ 33106
Malignant	9	8	1	.....	.....	BC 28972, 32632, 32509 BF 31276 BG 29531, 28916, 32132 BK 30765	BC 32143
Muscles. Injury	4	3	1	.....	.....	BD 31234 BF 33007 BG 30318	BK 31536
Neck. Inflammation	32	20	12	.....	.....	BC 30920 BD 28956, 29878, 29490, 30136, 29865, 31925, 30668, 32805 BF 28555, 27441, 33333 BG 30040, 30852, 33110, 29846 BJ 30989, 31443 BK 31945, 32119	BD 31904, 29685, 30635, 21129 BF 28849, 30129, 8582 BG 28873, 28806, 29014 BJ 31364 BK 29821
Malformations	4	2	2	.....	.....	BF 32603 BJ 32019	BC 30716 BD 32374
Tumours— Non-malignant	5	3	2	.....	.....	BC 31207 BD 32024 BJ 27466	BC 27268 BD 30991
Malignant	15	9	4	2	.....	BC 30763, 31122, 31091 BD 30753*, 24460, 31925*, 31047, 23005 BF 32615 BG 31893 BK 30577	BD 28536 BF 30098, 31052 BH 33195
Nervous System. Inflammation of Brain and Spinal Cord	4	.....	.....	2	2	BD 33493* BG 31782*	BD 29515*, 30126*

Disease.	T'tl.	Dis- ch'ged		Died.		Index Nos.					
		M	F	M	F	Male			Female.		
Concussion	155	116	31	6	2	BC	20943,	30001,	BC	29888,	31360,
							29426,	29422,		29680,	33531
							29880,	30998,			
							30934,	30837,			
							31267,	31292,			
							31362,	31269,			
							31569,	31157,			
							30924,	32254,			
							32716,	32392,			
							33615,	33252,			
							33339				
						BD	29445,	29834,	BD	28619	31431,
							30429,	30632,		31482,	31961,
							29679,			32901,	
							31716,	29561,		32504,	33315*,
							29510,			33598,	
							29918*,	30020,		29598	
							31591,				
							31372,	31902,			
							29718,				
							27892,	29191,			
							32722,				
							32547,	32866,			
							33045,				
							31717,	32621,			
							31905,				
							32450,	32720,			
							33715,				
							29509*,	31168,			
							33407,				
							33323,	33397,			
							30545,				
							31962,	33621,			
							33358,				
							33451,	31476,			
							31828,				
							32794				
						BF	29025,	28833,	BF	29707,	30600,
							29135,	29474		30466	
							29586,				
							29750,	29703,			
							32688,				
							32307,	33005,			
							33250,				
							33324,	33386,			
							33475,				
							29738,	30523,			
							31346				
						BG	29200,	29775*,	BG	29920*,	30806,
							29729,	29726,		33412	
							30257,				
							32142,	31671,			
							32344,				
							32822,	33330,			
							33321,				
							33228,	33511,			
							33625				
						BH	30063,	30106,	BH	30059,	31582,
							30328,	30718,		31618,	31449,
							31586,			31935	
							31920,	31989,			
							31937,				
							31672,	31677,			
							33574,				
							33634*				
						BJ	28811*,	30867,	BJ	29578,	32683
							32418,	31509,			
							33413				
						BK	31810,	31943,	BK	30237,	30422,
							31878,	32120,		31158,	31809,
							32194,			31899,	
							30247			32052,	31908
Injury to Nerves	4	2	2			BD	30804		BD	30590,	30017
						BF	32897				
Neuralgia	17	7	10			BC	29357				
						BD	27967,	23813,	BD	28622,	28946,
							30629,	31303,		29818,	29504,
							33883			23991	
										28507,	33689
										BF	32740

Disease.	T'tl.	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Neoplasms	17	9	1	5	2	BG 33697 BC 30478*, 12180, 31488 BD 29156*, 29316, 28410, 28858, 26327, 29686, 26695*, 29851 BG 32112, 32419* BK 30893*	BG 30517 BJ 32441 BD 25483*, 29221 BF 32060*
Nose.							
Tumours— Non-malignant	3	2	1	.....	.....	BC 33740 BK 31653	BK 31970
Malignant	6	6	.....	.....	.....	BC 32986 BD 27985 BG 28899, 31149, 32318 BJ 30114	
Oesophagus.							
Dysphagia	2	2	.....	.....	.....	BD 31322 BG 31724	
Tumours— Malignant	10	7	1	2	.....	BC 15168 BD 31200*, 32987*, 28753 BF 31232, 32887 BG 32618 BJ 33262, 29894	BD 31036
Omentum.							
Tumours— Non-malignant	1	1	.....	.....	.....	BF 28827	
Ovary.							
Tumours— Non-malignant	12	.....	12	.....	.....		BC 32690 BF 27733, 30666, 30459, 33570 BG 31907, 33277 BH 28930, 29125 BJ 29923, 31181 BK 30417
Malignant	1	.....	.....	.....	1		BF 32295*
Palate.							
Malformation	8	4	4	.....	.....	BG 30034 BJ 29573, 31457 BK 31636	BC 32642 BD 29384, 32777 BG 30298

Disease.	T'tl.	Dis- ch'ged		Died		Index	Nos.
		M	F	M	F	Male	Female.
Tumours— Malignant	5	4	1	.....	.....	BD 31353, 32317 BF 26385 BG 31153	BF 27493
Pancreas. Inflammation	6	1	2	.....	3	BC 32854	BC 29037,* 32154 BD 32654* BF 29365*, 28593
Tumours— Non-malignant	1	1	.....	.....	.....	BG 31064	
Malignant	3	1	.....	1	1	BF 28976* BJ 30999	BD 30091*
Parotid. Inflammation	1	.....	1	.....	.....		BD 31023
Tumours	6	3	3	.....	.....	BC 32635 BJ 32135, 31349	BD 29986, 30985 BG 31349
Penis. Inflammation	1	1	.....	.....	.....	BD 30518	
Malformation	5	5	.....	.....	.....	BD 26516, 29959, 31231 BF 32957 BG 32118	
Tumours— Malignant	5	4	.....	1	.....	BD 31720*, 29259 BJ 31310, 32320, 27364	
Perineum. Inflammation	1	1	.....	.....	.....	BG 30269	
Peritoneum. Inflammation	14	2	4	4	4	BD 33312* BF 27390, 29638* BG 29210*, 27839 BK 30168*	BD 29084, 24813 BF 30053*, 30647* BG 29975*, 31916* BH 29133 BJ 29161
Malformation	25	14	10	.....	1	BC 33372 BD 32024, 26215 BF 28134, 30556, 9321, 30581, 31100 BG 33524, 29542, 30357, 31064 BJ 25552, 33503	BC 32146, 28880 BD 31070*, 26709 BF 2194, 30400, 20896, 9173, BG 28957 30176, 33687

Disease.	T'tl.	Dis- ch'ged		Died		Index	Nos.
		M	F	M	F	Male	Female.
Tumours— Malignant	4	2	2	.....	.....	BD 28544 BJ 31288	BD 30491 BH 29993
Pharynx. Tumours— Malignant	3	.....	1	2	.....	BD 32267*, 27655*	BD 32248
Pleura. Inflammation	5	3	2	.....	.....	BD 15637, 29236, 33042	BF 29321 BH 31682
Poisoning. Coal-gas	1	1	.....	.....	.....	BH 32772	
Prostate. Hypertrophy	55	37	.....	18	.....	BC 28726, 28714, 27874*, 28551, 29031, 28842*, 29739, 31202, 33111, 32698*, 32483 BD 28274, 26603, 28951*, 29892, 32335*, 32271*, 33096, 32662, 33270 BF 28774, 28680, 30148*, 29927*, 30335*, 31336, 27328, 32429*, 32561, 32168, 33206, 33420*, 32416*, 33659* BG 30394, 30496, 30587, 32125*, 32468*, 32346*, 32361, 33599* BH 29004, 29574, 30602, 29267, 31141, 30285, 31544, 31990, 31651, 33207 BJ 31356 BK 29550, 30469*	
Tumours— Malignant	3	3	.....	.....	.....	BC 26491 BD 31554 BH 30285	
Rectum. Inflammation	2	1	1	.....	.....	BK 32606	BG 31079
Tumours— Malignant	24	18	3	2	1	BC 28959, 25457 BD 31633, 32350, 32260, 33059, 29741 BF 29171, 29736, 30579, 30859, 30321	BC 30051 BF 30975*

Disease.	T'tl.	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Salivary Glands and Ducts.							
Calculus	1	1	.....	.....	.....	BG 28838, 28706*, 23904, 30520* BJ 28686, 31462, 31571 BK 30396	BG 32507 BK 31831
Scalp.							
Inflammation	3	2	1	.....	.....	BC 33596 BD 31008	BD 31340
Injury	31	24	7	.....	.....	BC 29817, 29881, 29856, 31538, 30934, 30837, 30833, 31362, 31541, 32254 BD 28696, 29153, 29216, 29510, 27892, 33447 BF 30977 BG 30505, 31073 BH 31672 BJ 28876, 31088, 32195 BK 28791	BC 29425 BG 32465 27029, 29732 BJ 29211 BK 30422, 31158
Tumours—							
Non-malignant	3	2	1	.....	.....	BG 29232 BK 31562	BC 28917
Malignant	1	.....	1	.....	.....		BJ 33422
Scrotum.							
Injury	1	1	.....	.....	.....	BK 31983	
Skin.							
Tumours—							
Non-malignant	2	1	1	.....	.....	BG 30007	BG 32049
Malignant	2	1	1	.....	.....	BF 31400	BG 33524
Stomach.							
Inflammation	6	4	2	.....	.....	BD 29165, 31532, 31903 BG 30174	BC 32146 BF 29705
Foreign Body	3	1	2	.....	.....	BG 29461, 30042	BF 30215 BG 29844
Acute Dilatation.....	1	.....	.....	1	.....	BC 33579*	

Disease.	T'tl.	Dis- ch'ged.		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Hypertrophy	3	3	.....	.....	.....	BC 32874 BG 29283 BJ 33429	
Ulceration	41	26	12	2	1	BC 29229, 30499, 31222, 31217, 32508, 33063, 33091 BD 31001 BF 30959*, 22022, 27527, 32899, 31638* BG 29521, 32169, 32093, 32203, 32869 BH 32479 BJ 29896, 29631, 29717, 30910, 31445, 32444, 24710, 29414 BK 32045	BC 29814, 30582, 32536 BD 31791 BF 4979, 33281 BG 29248, 31692 BJ 22416, 32090*, 32596, 22722 BK 31840
Perforation	15	13	.....	2	.....	BC 30157* BD 28800, 10300, 25437* BF 29535, 30336, 31635 BG 30510, 31966 BH 30408, 30351 BJ 30642 BK 30245, 30244, 33530	
Tumours— Malignant	44	25	11	6	2	BC 29491*, 17774, 30499, 32376, 29243* BD 30902, 31368* 31855, 31026, 31502 BF 28755, 29111, 29529, 30335*, 30745, 31208, 31396, 33383* BG 29110, 30174, 30113, 31504, 32354, 30798* BJ 30626, 31192, 31133 BK 31725, 31892, 32045, 32074	BC 33058 BD 30656, 31463 BF 32531, 33606, 32225 BG 29870, 30969*, 33304 BH 31991 BJ 29926* BK 30683, 30631
Teeth and Gums. Inflammation	5	4	1	.....	.....	BC 29854 BD 29865 BF 32799, 32285	BG 32998
Injury	1	.....	1	.....	.....		BD 30024

Disease.	T'tl.	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male	Female.
Tumours— Non-malignant	5	2	3	.....	.....	BG 33491 BK 31660	BC 25449 BD 29113 BH 31619
Tendon. Injury	10	7	3	.....	.....	BD 31280, 30804 BF 32897 BG 30318 BH 31749 BJ 31222 BK 33488	BD 31924, 32506 BH 31620
Testicle. Atrophy	6	6	.....	.....	.....	BC 33500 BF 29747, 31230 BG 29634 BH 33008 BK 31458	
Inflammation	4	4	.....	.....	.....	BD 30802 BG 30322 BK 31858, 32020	
Torsion	1	1	.....	.....	.....	BD 32206	
Hydrocele	15	15	.....	.....	.....	BC 30924, 32860 BD 32765, 32781, 32759 BF 7821, 32852 BG 28998, 30016, 31729, 32877, 33385 BJ 3456, 32356, 33109	
Tumours— Malignant	1	1	.....	.....	.....	BC 29660	
Thyroid and Parathyroid. Inflammation	1	1	.....	.....	.....	BD 33293	
Tumours— Non-malignant	82	14	65	.....	3	BC 33107 BD 28727, 29034, 27590, 29546, 30254, 32415	BC 29301, 29785, 29572, 30045, 31399 31125, 30187 BD 28868, 28837, 27869, 28240, 29245, 29826, 28783, 29493, 28409*, 29784, 30198, 29470, 30161, 32269* 20368, 23501, 30443, 31485, 30232 30697, 31094, 30117 32537,

Disease.	T'tl.	Dis- ch'ged		Died		Index Nos.	
						Male	Female.
		M	F	M	F		
							31786, 33421, 30922, 32710, 32297*, 31406, 30092, 34007, 25718, 33236
						BF 31007, 29640, 32302	BF 30426, 32202, 32124, 32086, 33376, 33218, 33710
							BG 29286, 29984, 31076, 31697, 31712, 32259, 32599 32803, 32244, 33273, 33699
						BJ 31438, 31216,	BJ 29386, 29624, 30018, 30189, 28344, 31413, 31471
						BK 28962, 31640	BK 31841, 30760
Malignant	1	.....	1	.....	.....		BF 32467
Tonsils.							
Tumours—							
Malignant	1	.....	.....	1	.....	BC 20779*	
Tongue.							
Injury	2	2	.....	.....	.....	BG 29013, 32358	
Tumours—							
Non-malignant	3	2	1	.....	.....	BF 29147, 28992	BF 30973
Malignant	24	20	4	.....	.....	BC 29307, 28899, 29960, 30814, 31121, 31049, 33657	BC 28921, 29003
						BD 32040, 24460, 31004	
						BF 29690, 31494, 32692	
						BG 29442, 30649, 26820, 31912	
						BH 31705	BJ 30700
						BJ 30605	BK 30628
						BK 30622	
Ureter.							
Calculus	1	.....	1	.....	.....		BF 32155
Urethra.							
Calculus	2	2	.....	.....	.....	BC 31331 BG 32940	
Injury	35	35	.....	.....	.....	BC 28842, 29756, 31156, 32947, 27207	
						BD 28622, 27838, 28795, 29682, 29836, 30079, 30901, 25691, 30545	

Disease.	T'tl.	Dis- ch'ge d		Died.		Index Nos.	
						Male.	Female.
		M	F	M	F		
						BF 29915, 32221 BG 28905, 30269, 26276, 33320 BH 29409, 30062, 29266, 29711, 30287, 29364, 30467, 31402, 5990, 31197, 31777, 2114, 33251 BJ 32575, 32355	
Uterus.							
Pregnancy	1	....	1	....	....		BC 32141
Tumours—							
Non-malignant	2	....	2	....	....		BF 32837 BG 32241
Malignant	1	....	1	....	....		BG 26679*
Vagina							
Inflammation	1	....	1	....	....		BD 29867
Rectocele	1	....	1	....	....		BG 29921
Vulva.							
Injury	1	....	1	....	....		BF 32432
Inflammation	1	....	1	....	....		BH 32876
Veins.							
Varicose	2	2	....	....	....	BD 28850, 32162	
Miscellaneous	31	16	15	....	....	BC 31474 BD 30547, 31642, 32201, 31422, 32451, 29902 BF 30689, 33684, 31505 BG 30575, 32161, 5972 BH 31665 BJ 32239 BK 31630	BC 29241, 31515, 33118 BD 29845, 13605, 32604, 24813 BG 29097, 10448 32192, 32550 BH 31404 BJ 31332, 31372 BK 32094

OPHTHALMIC INDEX.

Disease.	Index Nos.					
	T'l.	Dis. ch'ged		Died.		Female.
		M	F	M	F	
Choroid.						
Tumours—						
Malignant	1	1	.....	.....	.....	DB 30972
Conjunctiva.						
Inflammation.....	7	4	3	.....	.....	DB 30875, DB 30553. DC 31679, 31053
Injury	2	2	.....	.....	.....	DA 31397 DC 31734
Tumours—						
Non-malignant	1	.....	1	.....	.....	DA 32563
Cornea.						
Inflammation—						
Superficial	12	7	5	.....	.....	DA 29117, 21232, 30920, DB 28935, 33002 DC 29073, 30279 DD 32774
Deep	17	15	2	.....	.....	DA 29351, 30388, 21638 DB 28778, 29500, 29863, 30039, 31117, 26433, 33221 DC 28717, 29429, 32679, 33070, 33415
Opacities	1	.....	1	.....	.....	DA 29184, 29350 DB 29449 DC 31173, 33238
Injury	25	19	6	.....	.....	DA 29603, 30296, 30060, 30513 DB 29604, 29605, 29602, 30541, 31524, 31484, 31754, 29207, 30553, 31136 DC 30616, 31118, 31721, 32452, 33271
Eyelids.						
Inflammation.....	2	1	1	.....	.....	DA 29763 DA 29916, 32381 DB 29765 DC 30127, 31275 DD 33542
Ptosis	1	.....	1	.....	.....	DB 31412 DC 33238
Ectropion	4	3	1	.....	.....	DB 33097
						DA 24846 DB 24193 DC 31149
						DB 32188

Disease.	T'l.	Dis. ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Trichiasis	1	.....	1	.....	.....		DC 29764
Tumours— Non-malignant	2	.....	2	.....	.....		DC 29972, 31921
Malignant	2	.....	2	.....	.....		DC 30192, 31543
Iris.							
Inflammation.....	13	7	6	.....	.....	DA 30824, 30871 DB 29132, 29791, 24834, 33133 DC 33070	DA 29607 DB 29339, 5790, 30346 DC 29212, 31622
Hyphaema	4	3	1	.....	.....	DA 30060 DB 30495, 31417	DA 29916
Prolapse	9	6	3	.....	.....	DA 28194 DB 28949, 29605, 29604, 30541 DC 30616	DB 14496, 29765 DD 33542
Lachrymal Sac.							
Inflammation.....	23	5	18	.....	.....	DB 29500, 26057, 29899 DC 31213, 29203	DA 23084, 30606 DB 28121, 22430, 24126, 31744, 32791, 32188, 28964, 28887, 29276, 32864, 32859, 33457 DC 28818, 31707, 31836, 32562
Mucocele	4	.....	4	.....	.....		DB 30702, 33485 DC 29766 DD 32985
Lens.							
Cataract— Complete	103	56	46	1	.....	DA 28819, 29065, 30970, 22269, 27236, 22160, 31973, 31613, 31603, 21638, 32310, 13410 DB 28823, 28884, 25030, 28284, 29214, 29384, 26428, 30354, 16136, 30687, 30889, 31148*, 31339, 22205, 31982, 31923, 31695, 31691, 32185, 32511, 32779, 32827, 32952, 25030, 33346, 33545, 33381	DA 28890, 29349, 27823, 29016, 29916, 24116, 30883, 31273, 31600, 31341, 23066, 32458 DB 28939, 29152, 29455, 21969, 30971, 13618, 28121, 19937, 31515, 8769, 31795, 32030, 32188, 32193, 26992, 32612, 32514, 33132, 32778, 32829, 32991, 33261, 23362, 33482

Disease.	T'l.	Dis. ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
						DC 32802, 32858, 33273, 33519, 33671, 31609, 32197, 32378, 32470, 28107, 29434, 30010, 24062, 30099, 30389 DD 33047, 33245, 5243	DC 28925, 28751, 21752, 29925, 26013, 26012, 31602, 32461, 32038
Partial	5	4	1			DA 25764, 30513 DB 32311 DC 31118	DD 32850 DC 30249
Congenital	2	1	1			DB 28561	DB 25501
Dislocation	2	1	1			DA 30513	DC 33193
Muscles of Eyeball.							
Concomitant Squint	3	2	1			DC 30612, 26777	DC 32411
Internal Strabismus	12	6	6			DB 29209, 32510, 33455 DC 30101, 33018, 33326	DB 29908, 32316 DC 30300, 31146, 31408, 32971
External Strabismus	1	1				DC 32650	
Optic Nerve.							
Atrophy	2	1	1			DB 32920	DC 30293
Orbit.							
Inflammation	3	2	1			DC 31631, 31900	DA 31316
Tumour—Malignant	1	1				DA 29924	
Retina.							
Detachment	4	2	2			DA 29400, 29772	DC 30231, 33399
Sclerotic.							
Injury	3	2	1			DB 31136 DC 30447	DA 29916
Whole Eyeball.							
Contracted Socket	4	1	3			DC 33650	DB 30274, 25084 DC 30882

Disease.	T'l.	Dis. ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Glaucoma— Acute	9	5	4	.....	.....	DB 31278 DC 29606, 30382, 28717, 33513	DB 30540, 33544 DC 31622, 31792
Subacute	1	.....	1	.....	.....		DA 30610
Chronic	16	7	9	.....	.....	DA 28997, 30175, 27236 DB 31080, 32611, 33055, 33131	DA 30699, 28003 DB 32193, 32193 33026, 33261 DC 28055, 32648, 33136
Panophthal- mitis	2	2	.....	.....	.....	DB 32390, 32170	
Ruptured Globe	2	1	1	.....	.....	DA 32182	DC 31604
Shrunken Eye	3	1	2	.....	.....	DC 28996	DB 14496, 31580
Miscellaneous	2	1	.....	1	.....	DB 31148*, 32646	

AURAL INDEX.

Disease	T'tl.	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Buccal Cavity and Salivary Glands.							
Tumours—							
Non-malignant	2	1	1	.....	.....	EC 30835	EC 30381.
Palate.							
Inflammation	3	2	1	.....	.....	EC 32218, 32447	ED 33467
Tumours—							
Non-malignant	1	1	.....	.....	.....	ED 31765	
Malignant	1	1	.....	.....	.....	ED 32694	
Pharynx and Nasopharynx							
Inflammation	5	3	2	.....	.....	EC 31006, 32582, 27666	EC 32034 ED 31853
Hypertrophy of Contents. Tonsils	205	75	130	.....	.....	EC 28991, 28879, 29268 29759, 27866, 29982, 29833, 29829, 29956, 30124, 30125, 30197, 30303, 30676, 30834, 30471, 30979, 30900, 27666, 31599, 31466, 31510, 31460, 32092, 32055, 32098, 32054, 32173, 32133, 32104, 32327, 32183, 32406, 32177, 32489, 32408, 32407, 32409, 32552, 32589, 32892, 32910, 32908, 32811, 32809, 32810, 32909, 32587, 32972, 33016, 33040, 33365, 33462, 33336, 33146, 33125, 33126, 33154, 33463, 33309, 33486, 33011.	EC 29080, 29190, 28809, 28578, 29020, 26334, 29319, 29553, 29330, 29279, 29368, 29270, 29595, 29450, 29734, 29715, 29768, 29800, 28525, 29832, 29969, 29966, 30180, 30025, 29613, 30150, 30221, 30264, 30069, 30261, 30162, 30500, 30372, 30736, 30771, 30846, 30820, 5790, 30917, 31329, 31271, 29523, 31561, 31558, 31559, 31598, 31326, 31882, 31999, 32284, 32283, 32189, 32282, 32113, 32298, 32178, 32175, 32287, 32288, 32473, 32424, 32428, 32486, 32607, 32588, 32586, 32174, 32383, 32325, 32385, 32545, 32711, 32653, 32764, 32685,

Disease	T'tl	Index Nos.					
		Dis- ch'ged		Died		Male.	Female.
		M	F	M	F		
							32873, 32833, 32906, 32907, 32686, 32790, 32487, 32973, 33019, 32985, 33014, 33223, 33222, 33156, 33127, 33308, 33151, 33452, 33603, 33483, 30263, 32560
						ED 29053, 29383, 29300, 29216, 30225, 30442, 31447, 31927, 31980, 31972, 31772, 31884, 33474	ED 28885, 29140, 29139, 28882, 29381, 29298, 29213, 29585, 29671, 30329, 30340, 30708, 25026, 29939, 31177, 31188, 31597, 31963, 31964, 31965, 31979, 31704, 31854, 32481, 32598, 32502, 32820, 32825, 33226, 33134, 32834, 29674, 31574
Tumours— Non-malignant	1	.....	1	.....	.....		EC 31499
Malignant	6	2	2	2	.....	EC 31082, 32843*, 33561 ED 30613*	EC 32005 ED 31515
Oesophagus. Foreign Body	8	5	3	.....	.....	EC 28978, 30980, 31451, 32469 ED 31701	EC 27999, 31937, 32526
Dysphagia with Anaemia	19	9	9	.....	1	EC 29189, 30851, 31391, 32101, 32105, 32370, 32721, 32464 ED 33225	EC 28496, 30480, 30384*, 32114, 32532, 32445. ED 29054, 27167, 30712, 30654
Tumours— Malignant	10	4	4	1	1	EC 32370, 32133, 32464, 33438*, 32255	EC 32006, 28629*, 32654, 32945, 33071
Air Passages and Nose. Foreign Body	1	1	.....	.....	.....	EC 30899	
Epistaxis	5	4	1	.....	.....	EC 32079, 32339, 30216 ED 33210	EC 29755

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
						Male.	Female.
		M	F	M	F		
Nasal Dis-charge	6	2	4	.....	.....	EC 31107, 30750	EC 31083, 31210, 32872 ED 32591
Polypi	46	25	21	.....	.....	EC 28848, 29413, 30088, 26982, 32007, 31770, 32326, 32352, 32709, 32812, 32705, 33015, 32689, 32934, 33039, 33441, 33481, 33401, 33279 ED 29138, 31849, 31984, 31719, 33224, 33561	EC 28894, 28824, 28893, 27570, 29419, 29728, 29735, 29794, 31196, 31649, 31794, 32216, 32290, 32190, 33400 ED 29297, 29382, 21922, 31969, 32515, 31349
Turbinates	55	27	28	.....	.....	EC 28816, 28983, 29079, 29234, 29269, 29592, 29957, 29962, 30735, 30671, 30652, 28007, 31246, 30743, 32056, 32756, 33204, 33148 ED 30331, 30029, 30603, 30714, 30709, 30872, 32915, 33139, 33148	EC 28986, 29336, 29278, 29404, 29527, 29793, 29958, 29735, 30151, 30275, 30564, 30734, 30916, 5790, 31409, 31464, 31469, 31794, 31801, 32331, 33012 ED 29482, 30609, 30604, 26988, 32591, 32921, 33553
Deformities	3	3	.....	.....	.....	EC 32955 ED 30990, 33140	
Septum. Deviations	70	58	11	1	.....	EC 28816, 28903, 28911, 29327, 29513, 29596, 29795, 29649, 29957, 29617, 30089, 30404, 30373, 30847, 30848, 29596, 31113, 31654, 31664, 31800, 31770, 31888, 31998, 32001, 32205, 32293, 32551, 32324, 32431, 32704, 32836, 32944, 33464, 33200, 33374 33241, 33486, 33203 ED 29480, 30262, 11091*, 30226, 30448, 30987, 30813, 29942, 31201, 31092, 31708, 31768, 32490, 32491, 32495, 32819, 32814, 32815, 33471, 33470, 33135	EC 29943, 31409, 32184, 32935 ED 31179, 30227, 30229, 31349, 31926, 32593, 33469

Disease.	T'tl	Dis- ch'ged		Died		Index Nos.	
		M	F	M	F	Male.	Female.
Sinus Infections.							
Ethmoids	10	5	4	.....	1	EC 29962, 29326, 30752 ED 28883, 32585	EC 31054, 32290, 32659, 29794* ED 31188
Frontal	12	7	4	1	.....	EC 29529, 27866, 30633*, 30752, 31410, 32478 ED 30228, 33022	EC 29050, 32256, 32528 ED 29385
Maxillary	22	12	10	.....	.....	EC 29730, 30738, 30743, 31209, 32117, 32839, 32649, 32845, 33348 ED 29672, 30274, 32597 EC 30752	EC 30406, 30068, 31083, 31196, 31037, 32541, 31054, 33142, 33437, 33502
Sphenoid	1	1	.....	.....	.....	EC 30752	
Larynx.							
Inflammation	6	3	3	.....	.....	EC 12680, 29591, 32735	EC 30504, 31334, 33379
Oedema	1	1	.....	.....	.....	ED 28625	
Tumours— Malignant	11	5	1	3	2	EC 29994, 30667, 32366*, 32832, 33550, ED 29670*, 29949*, 32696	EC 32349, 29206*, 29462*
Trachea and Bronchi.							
Foreign Body	1	1	.....	.....	.....	EC 33596	
Asthma	8	3	5	.....	.....	EC 32463, 33015 ED 31436	EC 32541, 32966, 33017 ED 31597, 31864
Ear.							
Foreign Body	1	1	.....	.....	.....	EC 28219	
Inflammation	23	14	9	.....	.....	EC 28156, 28987, 29327, 29995, 30875, 30908, 31330, 31475, 32096, 32042, 31814, 32191, 32721, 33416	EC 32718, 32879, 30954, 29523, 31418, 32197, 32887, 30749 ED 30965
Tumours— Non-malignant	2	1	1	.....	.....	EC 32517	EC 32816

Disease.	Tt'l.	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Middle Ear— Acute	15	8	7	.....	.....	EC 29281, 31315, 31243, 32749, 33632 ED 31560, 31683, 31816	EC 32336, 32983, 33363, 33458, 31109, 32329 ED 31859
Chronic	28	14	13	1	.....	EC 29115, 30079, 31195, 31011, 32248, 32518, 32589, 31006, 33279, 32773, 33416 ED 31351*, 3437, 33232, 32824	EC 28936, 30954, 29523, 31389, 31251, 32281, 32230, 32384, 32192, 33130 ED 30028, 29478, 31709
Complications.							
Bezold's Abscess	1	1	.....	.....	.....	EC 29773	
Lateral Sinus Thrombosis	3	2	.....	.....	1	EC 31159, 31951	EC 33080*
Meningitis	2	1	.....	1	.....	EC 33576, 33414*	
Mastoid Glands	4	1	3	.....	.....	EC 30350	EC 32041, 29565 ED 33043
Otosclerosis	1	1	.....	.....	.....	EC 32430	
Cystic Cavity	1	1	.....	.....	.....	ED 29318	
Perisinus Abscess	3	1	.....	1	1	EC 33576, 33414*	EC 33080*
Temporo- sphenoidol Abscess	3	.....	.....	1	2	EC 30633*	EC 33080*, 32139*
Cerebellar Abscess	1	.....	.....	1	.....	EC 33414*	
Facial Palsy	1	1	.....	.....	.....	EC 32773	
Deafness	5	4	1	.....	.....	EC 31664, 32430, 30941, 31195	EC 31480
Mastoiditis.....	112	66	46	.....	.....	EC 28556, 28532, 28263, 21093, 28869, 28359, 17931, 28900, 29451, 29818, 29978, 29069, 28895, 29621, 30050, 24281, 30102, 29777, 29860, 30317, 29427, 29669, 30457, 30512, 30291, 30526,	EC 28677, 28698, 28744, 28994, 28942, 29099, 29029, 29239, 28590, 29408, 29134, 28993, 29675, 29552, 23462, 30324, 30079, 30490, 30419, 30276, 30316, 30108, 30679, 30869, 30776, 30839,

Disease.	T'l.	Dis- ch'ged.		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
						30405, 30770, 30290, 29566, 31225, 31159, 31062, 31814, 32298, 32518, 32322, 32762, 32298, 31951, 32622, 33048, 33010, 33269, 32930, 33211, 33444, 33476, 33624 ED 27381, 28970, 29051, 28642, 29488, 29858, 30619, 30439, 30476, 31560, 31573, 31710, 32927, 33297, 33560, 33527, 33311	31251, 30868, 32527, 32739, 32984, 33417, 33514, 33035, 32982, 33075, 33528 ED 24978, 24040, 29760, 31709, 31759, 31859, 32695, 32914, 20020
Miscellaneous.							
Neoplasms—							
Various	11	5	4	1	1	EC 28892*, 18904, 31756, 29227 ED 29761, 31091	EC 30482, 31059, 32004, 29083 ED 29220*
Cervical							
Adenitis	6	2	4	.....	.....	EC 31106, 31006	EC 30820, 28967, 32619 ED 32512
Non-classified	11	7	2	2	.....	EC 29555, 31328, 32442, 32539, 32582*, 33313 ED 31812*, 32922, 30611	EC 33348, 33390

DERMATOLOGICAL INDEX.

Disease.	T'tl	Dis- ch'ged		Died.		Index Nos.	
		M	F	M	F	Male.	Female.
Eczema	2	2	.....	.....	.....	FA 28897, 30713	
Impetigo	1	1	.....	.....	.....	FA 32057	
Lichen Urticatus	1	1	.....	.....	.....	FA 32503	
Pediculosis Capitis	1	.....	1	.....	.....		FA 32938
Psoriasis	1	1	.....	.....	.....	FA 31894	
Tumours—							
Innocent	1	.....	1	.....	.....		FA 28417
Malignant	1	1	.....	.....	.....	FA 29526	

GYNAECOLOGICAL INDEX.

Disease	Total	Dis- ch'ged	Died	Index Nos.
				Female.
Abortions.				
Incomplete	14	13	1	CB 29366, 30286, 30252, 32844, 32898, 31643, CC 28928, 28978*, 29852, 30758, 30636, 24853 CD 32402, 31820
Amenorrhoea	2	2	.....	CB 32936 CD 31797.
Bartholin's Gland.				
Inflammation	4	4	.....	CB 28944 CC 30591, 31041, 32666
Cervix Uteri.				
Inflammation	60	60	.....	CB 28798, 29811, 29465, 29284, 29127, 30033, 32084 CC 28937, 29645, 29807, 29085, 29086, 25096, 29225, 29457, 29497, 19816, 30268, 28915, 29907, 29910, 30017, 29979, 30292, 29905, 30012, 30411, 30516, 30578, 30334, 30441, 31040, 31259, 31228, 31606, 31802, 31516, 25845, 31910, 31994, 32554, 32428, 32933, 32666, 32937, 33229, 33318, 2972, 33620, 33493, 22585, 29052 CD 31565, 31742, 31822, 31880, 32617, 32533, 31780, 33324
Erosion	35	35	.....	CB 29465, 28846, 29740, 30031, 33038 CC 28937, 28934, 29285, 29691, 29570, 29817, 28549, 29742, 30230, 30696, 31001, 32021, 32475, 33310, 33369, 32359, 33295 CD 29841, 30299, 30313, 30428, 31126, 31286, 32425, 32116, 32257, 32995, 33285, 33403, 32375
Laceration	7	7	.....	CB 29372, 30050, 31957, 32084, 32572, 32083, 32857
Congenital Elongation	2	2	.....	CC 32784 CD 29971
Tumours— Non-malignant	9	8	1	CB 30623, 31335, 32308, 33477 CC 29304*, 29226, 31040 CD 32229, 33453

Disease.	Total	Dis- ch'ged	Died	Index Nos.
				Female.
Malignant	49	47	2	CB 29469*, 29260, 29096, 28683, 29754, 26582, 29498, 31423, 31550, 32753, 24101, 33037, 33038, 33104, 33619 CC 28977, 29062, 29363, 22355, 29688, 29788, 29904, 29558, 30170, 30173, 30116, 30376, 30544, 30988, 31374, 31262, 31577, 30928, 31911, 33171, 33094, 33581, 33449, 7818, 19825, 31829*. CD 29850, 29524, 30809, 30686, 31119, 31211, 31411, 31913
Dysmenorrhoea	9	9	.....	CB 29568, 32572, 32806, 33370, 33707. CC 32723 CD 29723, 31815, 31803
Ectopic Gestation	5	5	.....	CB 29027, 30146 CC 29693, 30367 CD 32148
Fallopian Tubes Inflammation	42	41	1	CB 29494, 30031, 30134, 30166, 30445, 30050, 29938, 30932, 30928, 32522, 32084, 32496, 649, 32949, 33179. CC 28855, 29347, 29376, 29884, 30430, 14039, 29884, 31787, 32471*, 32428, 33240, 2972, 30371. CD 29130, 30484, 31565, 31822, 32294, 31955, 32167, 32497, 31780, 31804, 32995, 33077, 33324, 33521.
Fistulae	4	4	.....	CC 31799, 33310, 33492 CD 31529
Menorrhagia and Metrorrhagia	3	3	.....	CB 29655. CC 24862 CD 29576
Post-Menopausal Haemorrhage	5	5	.....	CB 30497 CC 30710, 31568, 33155, 33258
Ovaries and Broad Ligaments. Cystic Ovaries	46	46		CB 8472, 28738, 28947, 29018, 28851, 28925, 28950, 28846, 12484, 9330, 29399, 29494, 29372, 29577, 29373, 30000, 29811, 30036, 30130, 30532, 30783, 30529, 14039, 30745, 30795, 30670, 31160, 31470, 31235, 32046, 31514, 32111, 32158, 32266, 11586, 32051, 32666, 32703, 32610, 32948, 33302, 20499, 32798, 33184, 33289, 33679

Disease.	Total	Dis- ch'ged	Died	Index Nos.
				Female.
Tumours and Cysts— Non-malignant	16	15	1	CB 30570, 32677, 33705 CC 28779, 29619*, 31423, 31918, 31639, 32457 32970 CD 29347, 30819, 31285, 31384, 32423, 32577
Malignant	8	8	.....	CB 27575 CC 29528, 30741, 31258, 32493, 29997 CD 31819, 32699
Perineum. Deficiency	77	77	.....	CB 28847, 28950, 29009, 29698, 29745, 29629, 29970, 9519, 30121, 30933, 30894, 31160, 31289, 31470, 31260, 31338, 31319, 31953, 32266, 11586, 32572, 32083, 32219, 32857, 32801, 32263, 32798, 33391, 33368, 16918 CC 29067, 29285, 28549, 29486, 29742, 29333, 29905, 30576, 30591, 30573, 30332, 30595, 30560, 30858, 31046, 31078, 31323, 30992, 31778, 31424, 31516, 31606, 32048, 32574, 12868, 32970, 33369, 33317, 29052, 25096, 29522, 29912. CD 29841, 29719, 30035, 30536, 30348, 31120, 30923, 31742, 32375, 31746, 31880, 32577, 32889, 32592, 31663
Peritoneum. Inflammation	16	14	2	CB 28943, 29397, 29762, 30395, 30878, 32522, 33477, 29401* CC 29619*, 28808, 33373, 33180. CD 30361, 32217, 32167, 32402.
Parametrium. Inflammation	3	3	.....	CB 30963. CC 32026, 32428.
Sterility.	13	13	.....	CB 32676, 32948, 31954. CC 29148, 30411, 31254, 32918, 33668, 30746, 31254, 32723. CD 29931, 31803
Urethra. Deficient Orifice	2	2	.....	CB 31171 CC 30012.
Caruncle	6	6	.....	CB 28948, 31264, 35504. CC 29699, 29721, 29912.
Pregnancy.	11	10	1	CB 28924, 31190, 30788, 30707, 30884. CC 29457, 29632*, 30083, 31918, 32813. CD 32257.

Disease.	Total	Dis- ch ged	Died	Index Nos.
				Female.
Caeserean Section	18	18	.....	CB 30539, 30407, 30943, 32340, 33052, 33173, 33255, 33233, CC 29254, 29333, 30644, 31000, 30926, 31681, 31947, 33538. CD 32100, 31490.
Uterus.				
Displacements	26	25	1	CB 28738, 29401*, 30000, 30130, 30532, 30445, 30414, 30745, 30395, 30795, 30933, 31160, 31953, 32406, 32051, 32666, 32676, 32219, 32948, 33302, 32936, 33477, 33289, CC 28859, 23044. CD 33403.
Endometritis	23	23	.....	CB 28798, 29811, 29127, 33104. CC 29086, 29045, 29085, 29807, 29225, 29737 19816, 22585, 29497, 29979, 31214, 31606, 31802, 32554, 29907, 29910, 4629, 30341, 30334.
Metritis	32	32	.....	CC 29305, 29067, 29817, 28915, 30017, 30292, 30764, 29215, 30986, 31029, 31607, 31367, 31228, 31745, 8195, 32471, 16942, 32937, 32666, 32933, 32885, 2972, 33493, 33686, 33676. CD 30925, 31126, 31286, 32375, 32497, 31804, 33453.
Subinvolution	2	2	.....	CB 30892. CC 33695.
Malformation	1	1	.....	CD 31995.
Tumours— Non-malignant	47	42	5	CB 28918, 28863, 28924, 29027, 29403, 29895, 29722, 30445, 30121, 30528, 30803, 30932, 31111; 31335, 31514, 32665, 33103. CC 28973, 29453*, 29820, 29919, 30674, 30233, 30859, 31018*, 31087, 31044, 31785, 31039, 31610, 32793*, 32555, 33229*, 32700, 33371, 33394, 33674. CD 30574, 31384, 32404, 31713, 31832, 32212, 32103, 33324, 32797*, 33521.
Malignant	13	12	1	CB 30272*, 30932, 31189, 32640. CC 28353, 17294, 31545, 33155, 33150, 33258, 32989. CD 32797, 32459.
Vagina.				
Inflammation	2	2	.....	CC 30578. CD 31742.
Malformation	8	7	1	CB 31518, 32498, 33454, 33370. CC 3269. CD 31546, 31771*, 31995.

Disease.	Total	Dis- ch'ged	Died	Index Nos.
				Female.
Tumours— Non-malignant	5	5	.....	CC 29623, 29226, 30674, 31259, 31380.
Malignant	5	5	.....	CB 30568, 31164, 32106. CC 28075. CD 29348.
Vulva.				
Inflammation	3	3	.....	CC 29459, 31910, 32835.
Tumours— Non-malignant	1	1	.....	CD 30836.
Malignant	3	3	.....	CC 28807, 30277, 33013.
Miscellaneous	22	22	.....	CB 30432, 29811, 31264, 31235, 31592, 28530. CC 29083, 28956, 30096, 30083, 12838, 31381, 31568, 30694, 26712, 32962, 33268. CD 29719, 31955, 32129, 32088, 33424.

RECORD OF THE OBSTETRICAL DEPARTMENT

Compiled by

Dr. ARWYN EVANS

(Ewen Maclean Research Scholar).

<i>Number of Cases Admitted</i>	....	....	....	....	....	689
From Cardiff	....	....	....	....	....	474
From Antenatal Clinic	....	....	....	....	....	422
Otherwise	...	....	....	....	....	52
From Areas outside Cardiff	....	....	....	....	....	215
<i>Number of Cases Discharged</i>	....	....	....	....	....	647
Number of bookings	....	....	....	....	....	494
Return Visits paid	....	....	....	....	....	2327
Patients in Hospital at end of the year	....	....	....	....	....	29
Babies in Hospital at end of the year	....	....	....	....	....	18
Average daily number of patients in Hospital—						
Mothers	....	....	....	....	....	29
Babies	....	....	....	....	....	18
<i>Number of Deliveries</i>	....	....	....	....	....	574
<i>Maternal Mortality—</i>						
Of the total admissions	....	....	....	....	....	2.3 per cent.
Of the total deliveries (four mothers died						
undelivered)	....	....	....	....	....	2.0 per cent.
Of the booked cases	....	....	....	....	....	0.4 per cent.
<i>Foetal Mortality</i>	....	....	....	....	....	17.0 per cent.

DELIVERIES.

Normal Occipito-anterior. 417.

There were 417 normal occipito-anterior deliveries. Three hundred and ninety-nine cases had a normal puerperium, sixteen suffered with perperal pyrexia and two died. The two deaths No. 108 and No. 621 will be referred to later.

Three hundred and ninety children lived, seven were macerated, seven fresh stillborn and thirteen died during the neo-natal period.

Occipito-posterior. 24.

There were twenty-four occipito-posterior presentations, eight being admitted as emergency cases.

Of these eight emergency cases forceps extraction had been attempted before admission in two; both these patients were delivered later with forceps with the malpresentation unreduced. Another case was delivered spontaneously as a persistent occipito-posterior, the child was alive and was a thirty-seven weeks' gestation. In the remaining five cases, manual rotation and forceps extraction was performed.

One mother developed puerperal pyrexia.

There were five living children, three stillborn one being macerated.

Of the sixteen booked cases three reduced spontaneously, two having a normal and one a forceps delivery.

The child was delivered spontaneously in the posterior position in four cases. Three were extracted with forceps in the posterior position and in six cases the child was manually rotated and forceps applied.

Two mothers developed puerperal pyrexia.

There were fifteen live births, one of which died in the neo-natal period and one still birth.

Breech. 27.

There were twenty-seven breech presentations, fifteen being admitted as emergency cases.

Emergency Cases. 15.

Spontaneous delivery occurred in seven cases, one of these labours being induced.

Perforation of the after-coming hydrocephalic head was performed in two cases. One case had a placenta praevia for which a leg was brought down. Three had extended legs and in

one case of hydramnios the membranes were ruptured artificially and later in the same case, manual removal of the placenta was performed. The remaining patient discharged herself before labour.

One patient died, case No. 463/32 and one case developed puerperal pyrexia.

There were three living children and twelve stillborn, four of whom were macerated.

Booked Cases. 12.

Spontaneous delivery occurred in nine cases.

Of the remaining three cases one had external version performed, and the other two deliveries had to be assisted, one for prolapsed cord and the other for extended head.

Case No. 181/32 died and one mother developed puerperal pyrexia due to mastitis.

There were seven living children and five still births, two of whom were macerated.

Face Presentation. 1.

One booked case. Stillborn anencephalic foetus. The mother had a normal puerperium with spontaneous delivery.

Transverse Presentation. 4.

There were two emergency cases and in both internal podalic version was performed. One had a spontaneous delivery and the other was assisted.

One mother developed puerperal pyrexia.

Both children were stillborn, one being macerated.

Two booked cases. One had external and the other internal version performed. In both spontaneous delivery took place, no pyrexia developed and both children lived.

Brow Presentation. 1.

One emergency case in which podalic version and perforation of the after-coming head was performed. The child was fresh and weighed 8½lbs. The mother had a normal puerperium.

MULTIPLE PREGNANCY.

Twins. 12 cases.

Emergency. Two cases. One was admitted as (?) hydatidiform mole (16 weeks' gestation), but after X-ray, twins were diagnosed and patient discharged. The other was a thirty-eight weeks' gestation and the presentations were L.O.A. and Breech. They were uni-ovular and both lived. The mother had albuminuria.

Booked. 10 cases.

Four of the mothers had albuminuria of pregnancy, and one had pyelitis. One mother developed puerperal pyrexia.

There were ten breech, eight occipito-anterior and two occipito-posterior presentations. Five of the twin births were uni-ovular. Six of the children lived, four were stillborn, three being macerated. The remaining five twin births were binovular. Nine children lived and one was stillborn. None of these abnormal presentations have been included under the previous headings.

COMPLICATIONS OF PREGNANCY.

Albuminuria. 90 cases, sixty-five of whom were primiparae.

Emergency. 50 cases. Of these fifty cases, five mothers were discharged before delivery and there was one twin birth. Six mothers developed puerperal pyrexia and another two mothers died, Nos. 463, 358. There were twenty-five living children, one of whom died from cerebral haemorrhage soon afterwards (this child was a full term birth and weighed eight pounds). Twenty-one were stillborn, thirteen being macerated.

Booked cases. 40. Of these forty cases, five were discharged before delivery and there were four twin births.

All the mothers had a normal puerperium.

There were thirty-six living children, two macerated and one fresh stillborn.

Eclampsia. 16 Cases.

Fifteen cases were admitted as emergencies. Four cases had Post Partum Eclampsia, the remainder having Ante Partum Eclampsia. Ten of the fifteen were primiparae, one of the ten having Post Partum Eclampsia.

Four mothers died, Case Nos. 35, 108, 128, 265, one dying undelivered. Four of the remaining cases developed puerperal pyrexia.

There were nine live births, one child dying in the neo-natal period ; and five still births one being macerated.

One case No. 181 was booked. This case died.

Chronic Nephritis. 6 cases.

The six cases were admitted as emergencies, three were primiparae. One mother died, Case No. 261 ; this patient is included under this heading as she had suppression of urine and developed uraemia. One case had puerperal pyrexia.

There were four live births, but one child died five hours afterwards, and two still births, one being macerated.

Hyperemesis. 14 cases.

Emergency. 10 cases. Six of the ten cases were primiparae. Seven mothers were discharged before delivery of the child. Two of these cases were in the sixteenth week of their pregnancy and the other five were at an earlier period of gestation.

One case, at thirty weeks' gestation, had a surgical induction performed and was delivered of a stillborn child (spina bifida). One mother, Case No. 301 died.

The remaining case at thirty-two weeks' gestation, had a medical induction performed, and the child was stillborn. This patient also had pyelitis and developed a puerperal pyrexia.

Booked. 4 cases. Three of the four cases were primiparae.

Two mothers were discharged before delivery of the child, one being at ten weeks and the other at twenty-eight weeks' gestation. The other two cases were at full term and were delivered of living children ; both had a normal puerperium.

Placenta Praevia. 26 cases.

Emergency. 23 cases. Five of the twenty-three cases were primiparae. Seven mothers had albuminuria. Caesarian Section was performed in three cases for Central Placenta Praevia, these three mothers had a normal puerperium, but two of the children were stillborn. Two cases were treated with Willetts' forceps, one mother died, Case No. 18, and one had a normal puerperium ; one child was macerated and the other lived. Seven cases had

podalic version performed. Of these, one mother died, Case No. 261, and the other six had a normal puerperium; there were three live births, one dying in the neo-natal period; and four still births.

Three cases had packing of the vagina only. The three mothers had a normal puerperium and there was one live birth and two still births.

Five cases had no active treatment. No puerperal pyrexia developed. There were five live births, one dying in the neo-natal period.

There were two breech presentations. One mother died, Case No. 621, having been delivered of a stillborn child. The other was a twenty-seven weeks' gestation and the child was stillborn: the mother had a normal puerperium.

The remaining case was discharged home the bleeding having ceased.

Booked. 3 cases. The three cases were multiparae. One had a Willetts' forceps applied, there was no puerperal pyrexia and the child lived. In the other two cases the vagina was plugged, the puerperium was normal and both children died during the neo-natal period.

Accidental Haemorrhage. 12 cases.

Emergency. 11 cases. Four of these were primiparae and seven had albuminuria. Two cases had the vagina packed, both puerperia were normal but both children were macerated.

One had a forceps delivery, normal puerperium and the child stillborn.

One case had a de Ribes bag inserted, a normal puerperium resulted, but the child was macerated.

Five cases were treated with rest and sedatives, no mother developed pyrexia; there was one neo-natal death, one macerated foetus and three fresh stillborn.

Two cases went home undelivered.

Not one living child resulted from the nine deliveries.

Booked. 1 case. This case was a thirty-weeks' gestation, and was treated by rest only, the haemorrhage was not severe. There was a normal puerperium and the foetus was macerated.

Pyelitis. 14 cases.

Emergency. 11 cases. Six cases were discharged home, the condition having cleared. Of the remaining five cases puerperal pyrexia developed in two. One of these had artificial rupture of the membranes performed. There were four live births and one still birth.

Booked. 3 cases. There was one twin birth and the mother developed puerperal pyrexia. The four children lived.

Heart Disease. 16 cases.

Emergency. 10 cases. Two patients left hospital before delivery of child, both had Mitral Stenosis. Six of the remaining cases had Mitral Stenosis, one had Mitral Stenosis with aortic incompetence, and one had an aortic systolic murmur. The patient with the mitral and aortic lesion was delivered of a nineteen weeks' foetus (anencephalic and Spina Bifida). One had a Caesarean Section performed, which resulted in a living child and a normal puerperium. Two patients had a normal delivery, one having a medical induction, both children living. Three had a forceps delivery, there were three live births—one dying in the neo-natal period—and one mother developed puerperal pyrexia. One mother died, Case No. 621.

Booked. 6 cases. Four cases had Mitral Stenosis and two suffered from myocardial degeneration. One patient left hospital before delivery. Two patients had a normal delivery, both had a normal puerperium and both children lived.

One had a Caesarean Section performed which resulted in a living child and a normal puerperium.

There were two forceps deliveries, both children lived and both mothers had a normal puerperium.

COMPLICATIONS OF DELIVERY.

Contracted Pelvis. 25 cases.

Emergency. 17 cases. Two cases discharged themselves before delivery against advice. There were five normal deliveries, the mothers had a normal puerperium and the five children lived. One of these five cases had a surgical induction and another a medical induction.

Forceps were applied in six cases, one case having had a surgical induction performed previously, and another was manually rotated from a posterior to an anterior vertex presentation. In two of these cases the cranioclast was also used. Three of these six mothers developed puerperal pyrexia, there were two living children and four stillborn.

Caesarean Section was performed in four cases, no puerperal pyrexia developed. One child was stillborn the others lived.

Booked. 8 cases. Forceps were applied in two cases, no puerperal pyrexia developed and the children lived.

Caesarean Section was performed on six cases, two mothers developed puerperal pyrexia and the six children lived.

Prolapse of Cord. 7 cases.

Emergency. 5 cases. The size of the os when the condition was diagnosed was at full dilatation in three cases and at two fingers' dilatation in two cases. Internal version was performed in three cases, forceps were applied in one and precipitate labour occurred in the remaining case. In the three cases in which internal version was performed, the presentation was transverse. The presentations in the other cases were both Right Occipito Anterior.

One mother developed puerperal pyrexia.

The five children were stillborn, one being macerated.

Booked. 2 cases. Both cases were at full dilatation when the condition was diagnosed. One was a uni-ovular twin-birth, both children being macerated and the other was a breech presentation, the child being stillborn. No puerperal pyrexia developed.

Adherent Placenta. 8 cases.

Emergency. 5 cases. The five cases died, Case Nos. 261, 331, 463, 358 and 515. Four had manual removal of the placenta performed. There was one live birth, which died soon after delivery, and the remaining four cases were macerated.

Booked. 3 cases. One mother, Case No. 193 died, the child was macerated.

Both the remaining cases had manual removal of the placenta performed. One child lived and the other was macerated.

Post Partum Haemorrhage. 5 cases.

Emergency. No cases.

Booked. 5 cases. The source of the bleeding in three of the cases was from the placental site before its removal. The pregnancy and mode of delivery in two of these cases were normal; in the other, hydramnios was present and also a placenta praevia. The placenta was manually removed in two of these cases. One

mother developed puerperal pyrexia. There were two live births and one still birth. The source of the bleeding in the two remaining cases was from lacerations of the cervix and vagina. The vagina was packed. No pyrexia developed and both children lived.

OBSTETRIC OPERATIONS.

Induction of Labour (Surgical). 38 cases.

Emergency. 19 cases. The indications for the inductions were as follows :—

Post-maturity, 5 cases, all had a normal puerperium and the five children lived.

Toxaemia of pregnancy, 5 cases, one of these also had hydra-mnios, Case No. 463, this patient died. The puerperium in the remaining four cases was normal. One child lived and four were stillborn, two being macerated.

Contracted Pelvis, 7 cases, one of these also had Mitral Stenosis, this case developed puerperal pyrexia; the puerperium in the remaining cases was normal. There were seven live births.

Chronic Nephritis, 1 case, which resulted in a live birth and a normal puerperium.

The remaining case had severe *varicose veins of the vulva*. A live birth resulted but the mother developed puerperal pyrexia.

Booked. 19 cases. The indications for the inductions were as follows :—

Post-maturity, 14 cases, one mother developed puerperal pyrexia. All the children lived, but one died during the neo-natal period.

Toxaemia of pregnancy, 2 cases, both had a normal puerperium and both children lived.

Contracted Pelvis, 3 cases, no pyrexia developed and the children lived. One child died during the neo-natal period.

Forceps Extraction. 96 cases.

Emergency. 45 cases. Indications for the forceps extractions were as follows :—

Prolonged second stage, 37 cases. Seven mothers developed puerperal pyrexia and three died, Case Nos. 18, 358 and 610. There were twenty-four live births, one of whom died in the neo-natal period. Thirteen were stillborn, five being macerated.

Toxaemia of Pregnancy, 4 *Eclamptic* cases, one mother developed puerperal pyrexia and two children lived. There were two still births, one being macerated.

Foetal Distress, 4 cases, one mother developed puerperal pyrexia. There were three live births, one dying in the neo-natal period, and one still birth.

Booked Cases. 51. Indications for the forceps extraction were as follows :—

Prolonged second stage, 39 cases. Four cases developed puerperal pyrexia. There were thirty-six live births, two dying in the neo-natal period, three still births, one being macerated.

Maternal Distress, 11 cases. One mother developed puerperal pyrexia. All the children lived.

Toxaemia of Pregnancy, 1 case. There was no pyrexia and the child lived.

Caesarean Section. 17 cases.

Emergency. 10 cases. The indications for the operation were as follows :—

Contracted Pelvis, 6 cases. One of these also had Mitral Stenosis. One mother developed puerperal pyrexia. All the children survived.

Central Placenta Praevia, 3 cases. No pyrexia developed. One child died during the neo-natal period.

Large Child, 1 case. No pyrexia developed. It was a hydrocephalic foetus and stillborn.

Booked cases. 7. The indications for the operation were as follows :—

Contracted Pelvis, 4 cases. One mother developed puerperal pyrexia. All the children survived.

Of the *remaining 3 cases*, one mother had Mitral Stenosis, this patient was also sterilized ; another, a primipara, had a breech presentation with extended legs and the third was for a large child. No pyrexia developed and all the children survived.

Version. 13 cases.

External. One booked case. This was for a transverse lie. No pyrexia developed and the child lived.

Internal.

Emergency. 10 cases. Placenta praevia was present in six cases. No pyrexia developed. There were two living children and four still births. There was a transverse lie in two cases. Both children were stillborn, one being macerated.

The brow presented in one case, the child being stillborn, and the cord was prolapsed in the remaining case ; this child was again stillborn.

Booked. 2 cases. One of these was a transverse presentation and the other was an obstructed labour in which craniotomy was performed on the after-coming head. No pyrexia developed. One child lived and the other, of course, was stillborn. For details of *Manual Removal of Placenta* see *adherent placenta*.

Craniotomy. 7 cases.

Emergency. 5 cases. Two mothers were delivered of a hydrocephalic foetus. The other three had obstructed labour one having a brow presentation and one of these cases, No. 331, died. No pyrexia developed amongst the other mothers. One foetus was macerated.

Booked. 2 cases. Both mothers had obstructed labour and one developed puerperal pyrexia. One of the still births was macerated.

MATERNAL DEATHS.

Deaths. 16.

Five mothers died within twenty-four hours of admission, one of whom died within one hour and another within seven hours.

Emergency. 14 cases.

Four mothers died undelivered, Nos. 53, 128, 301 and 610. The causes of these fourteen deaths were as follows :—

Toxaemia. Six cases.

Eclampsia 4, Nos. 35, 108, 128 and 265.

Acute Nephritis 1, No. 261. This case had suppression of urine.

Toxic vomiting 1, No. 301.

Obstetric shock. Three cases, Nos. 331, 463 and 610.

Pneumonia. Two cases, Nos. 53 and 621.

Septicaemia. Two cases, Nos. 358 and 515.

Haemorrhage (placenta praevia), one case, No. 18.

Booked. 2 cases.

One mother died from eclampsia, No. 181, and the other from obstetric shock, No. 193.

A short account of each case is given below.

Case No. 18/32. E. Admission 6-1-32. Death 10-1-32.

Age 34 years. Maturity 40 weeks. Gravida i.

Placenta Praevia and prolonged first stage. Placenta expelled. Patient died twenty hours after delivery from blood loss.

Case No. 35/32.E. Admission 17-1-32. Death 17-1-32.

Age 42 years. Maturity (?). Gravida iii.

Post Partum Eclampsia. Admitted in a condition of coma and died seven hours later without regaining consciousness.

Case No. 53/32. E. Admission 27-1-32. Death 31-1-32.

Age 35 years. Maturity 16 weeks. Gravida iv.

Admitted suffering from Broncho-pneumonia and retroverted gravid uterus with retention of urine. Died three days after admission of Broncho-pneumonia.

Case No. 108/32. E. Admission 25-2-32. Death 1-3-32.

Age 33 years. Maturity 35 weeks. Gravida iii.

Ante-partum Eclampsia. Admitted in a semi-comatosed condition, coma gradually increased and patient died four days later, from Broncho-pneumonia and cerebral haemorrhage. A stillborn child was delivered during the coma.

Case No. 128/32. Admission 9-3-32. Death 9-3-32.

Age 22 years. Maturity 39 weeks. Gravida i.

Antepartum Eclampsia. Admitted while in coma and died one hour afterwards undelivered.

Case No. 181/32. Admission 12-4-32. Death 14-4-32.

Age 23 years. Maturity 39 weeks. Gravida i.

Ante-partum Eclampsia. First fit five minutes after admission patient remained in coma until death two days later. Child born during coma, breech presentation.

Case No. 193/32. Admission 22-4-32. Death 27-4-32.

Age 32 years. Maturity 40 weeks. Gravida i.

Breech presentation. Prolonged first stage and patient profoundly shocked. Death nine hours after delivery of child with placenta and membranes in utero. Patient was too shocked for manual removal of placenta.

Case No. 261/32. E. Admission 26-5-32. Death 31-5-32.

Age 39 years. Maturity 35 weeks. Gravida x.

Pregnancy toxæmia. Acute suppression of urine. Marginal Placenta Praevia. Internal version and manual removal of placenta performed. Coma supervened and death occurred four days after delivery. Post Mortem Report—Acute Nephritis.

Case No. 265/32. E. Admission 27-5-32. Death 15-6-32.

Age 25 years. Maturity 35 weeks. Gravida ii.

Post Partum Eclampsia. Stillborn child delivered at home. Patient complained of suppression of urine, became very drowsy and later comatosed. Death occurred nineteen days after admission. Post-mortem Report—Cortical Necrosis of kidney.

Case No. 301/32. E. Admission 16-6-32. Death 30-6-32.

Age 31 years. Maturity 26 weeks. Gravida i.

(?) Hyperemesis Gravidarum. Coffee ground vomit (blood present). Membranes ruptured artificially. Died before delivery from toxæmia. No Post Mortem obtained.

Case No. 331/32. E. Admission 24-6-32. Death 25-6-32.

Age 30 years. Maturity Post Mature. Gravida i.

General contraction. Failed forceps before admission. Craniotomy and manual removal of placenta performed. Died four hours after labour from obstetric shock.

Case No. 358/32. E. Admission 7-7-32. Death 31-7-32.

Age 38 years. Maturity 40 weeks. Gravida i.

Albuminuria. Obstructed labour (impacted shoulder). Manual removal of placenta. Died from septicaemia.

Case No. 463/32. E. Admission 12-9-32. Death 14-9-32.

Age 38 years. Maturity 34 weeks. Gravida xii.

Severe Albuminuria. Membranes ruptured artificially. Breech presentation. Manual removal of placenta. Died one hour after delivery from obstetric shock.

Case No. 515/32. E. Admission 7-10-32. Death 7-10-32.

Age 44 years. Maturity 40 weeks. Gravida vii.

Admitted to hospital in a moribund condition with influenza, retained placenta and extensive diffuse purpuric haemorrhages. Died seven hours after admission with placenta in utero. Patient was too shocked for any obstetric interference. Post-mortem Report—Septicaemia, retained placenta and extensive diffuse purpuric haemorrhages.

Case No. 610/32. E. Admission 22-11-32. Death 23-11-32.

Age 24 years. Maturity 42 weeks. Gravida i.

Surgical Induction performed before admission. Prolonged first stage. Slight toxæmia. Forceps extraction and death under anaesthesia from obstetric shock before delivery of child.

Case No. 621/32. E. Admission 28-11-32. Death 27-12-32.

Age 28 years. Maturity 25 weeks. Gravida iv.

Mitral Stenosis with incompetence. Ante Partum Haemorrhage. (Placenta Praevia). Normal delivery. Three weeks after delivery of child, pneumonia developed from which patient died.

	No. of Cases	Mother				Result to			
		N.P.	P.P.	D.	L.	Mac.	Child.	F.S.B.	N.N.D
<i>Deliveries—574</i>									
Normal occipito-anterior	417	399	16	2	390	7	7	13	
Occipito-posterior	24	24	3	0	19	1	3	1	
Breech	27	22	2	2	10	6	10	—	
Face	1	1	—	—	—	—	1	—	
Shoulder	4	3	1	—	2	1	1	—	
Brow	1	1	—	—	—	—	1	—	
<i>Multiple Pregnancy—</i>									
Twins	12	10	1	—	17	3	2	—	
Triplets	—	—	—	—	—	—	—	—	
<i>Complications of Pregnancy—</i>									
Albuminuria with toxic symptoms (b)	90	72	6	2	6	15	9	1	
Chronic nephritis	6	4	1	1	3	1	1	1	
Eclampsia	16	7	4	5	8	1	5	1	
Hyperemesis	14	3	1	1	2	—	2	—	
Placenta praevia	26	22	—	3	10	1	10	4	
Accidental haemorrhage	12	10	—	—	—	4	4	2	
Pyelitis	14	5	3	—	8	—	1	—	
Heart disease	16	11	1	1	10	—	2	1	
<i>Complications of Delivery—</i>									
Contracted pelvis	25	18	5	—	18	—	5	—	
Prolapsed cord	7	6	1	—	—	3	5	—	
Premature rupture of membranes	41	—	—	—	—	—	—	—	
Adherent placenta	8	1	1	6	1	5	1	1	
Postpartum haemorrhage	5	4	1	—	4	—	1	—	
<i>Obstetric Operations—</i>									
Induction of premature labour (Surg.)	38	34	3	1	32	2	2	2	
Forceps extraction	96	79	14	3	74	7	12	3	
Caesarean Section	17	15	2	—	15	—	1	1	
Version—external	1	1	—	—	1	—	—	—	
internal	12	11	1	—	3	1	8	—	
Perineal repair	150	140	10	—	144	3	13	—	
Episiotomy	88	80	7	1	83	3	2	—	
Manual removal of placenta	6	1	1	4	1	3	1	1	
Craniotomy	7	5	1	1	—	2	5	—	

Number

Puerperal Pyrexia—37
 Due to extragenital causes 22 } 37
 Due to genital sepsis 15 }

Maternal Mortality 16

Foetal Mortality 98

Macerated 25

Fresh stillborn 52

Neonatal deaths 21

Foetal Abnormalities—

Anencephaly 2

Hydrocephalus 3

Hydranmios 6

Spina Bifida 4

(a) One mother discharged undelivered.

(b) Ten mothers discharged undelivered and five twin births.

(c) One mother died undelivered.

(d) Nine mothers discharged undelivered.

(e) Two mothers left before birth of child.

(f) Six mothers left before birth of child.

(h) Three mothers left before birth of child.

(k) One twin birth.

